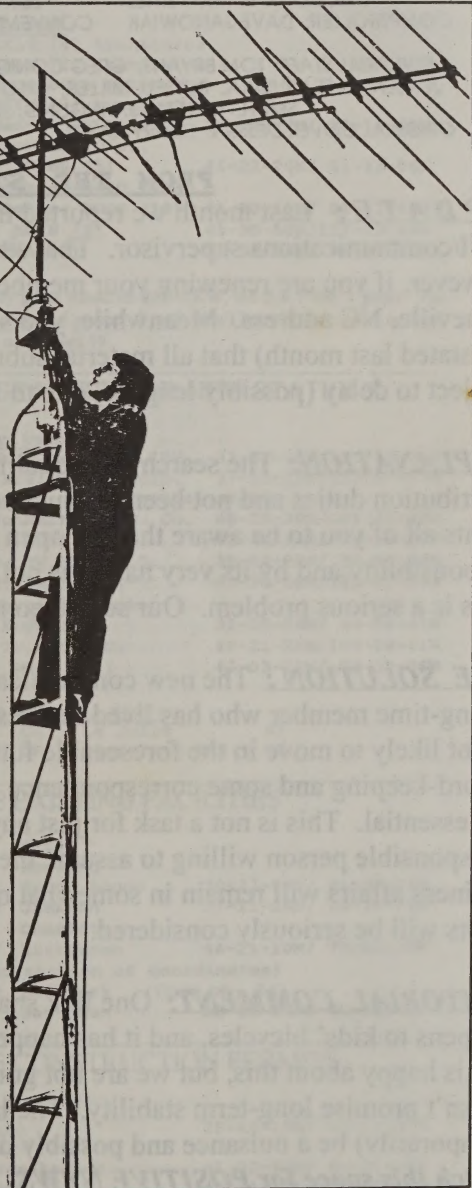


Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

FEBRUARY 1998

**N(ICE)
WINTER
DX
IN
THE
NORTH?!**



WORLDWIDE TV-FM DX ASSOCIATION

SERVING THE VHF-UHF DX ENTHUSIAST

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCAST SIGNALS AT VHF AND UHF. W.T.F.D.A. IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

CIRCULATION: MATT SITTEL
COMPTROLLER: DAVE JANOWIAK

EDITOR/PUBLISHER: BILL THOMPSON
CONVENTION CO-ORDINATOR: TOM BRYANT

EDITORIAL STAFF: TOM BRYANT, GREG CONIGLIO, VICTOR FRANK, GEORGE W. JENSEN, JEFF KRUSZKA, RUSSELL MILLER, FRED NORDQUIST, MATT SITTEL, DOUG SMITH, THOMAS J. YINGLING, JR., JOHN ZONDLO
ORIGINAL COVER DESIGN: HARRY HAYES

BACK ISSUES: DAVE NIEMAN

FROM THE STAFF:

UPDATE: Last month we reported that the club was without a mail/communications supervisor. That situation has not been resolved, however, if you are renewing your membership, continue to mail to the Asheville, NC address. Meanwhile, you should continue to be aware (as we stated last month) that all material submitted to the Asheville address is subject to delay (possibly lengthy) due to forwarding.

EXPLANATION: The search for a qualified member to handle the mail distribution duties and not been productive. Your Board of Directors wants all of you to be aware that the open position carries a great deal of responsibility and by its very nature is not as easy to fill as most vacancies. This is a serious problem. Our search continues.

THE SOLUTION: The new communication coordinator ideally will be a long-time member who has lived in the same city for several years, and is not likely to move in the foreseeable future. Responsibilities include record-keeping and some correspondence. E-mail access is an asset but not essential. This is not a task for just anyone; and until we have located a responsible person willing to assume the functions of the job, WTFDA business affairs will remain in somewhat of a state of limbo. Volunteer offers will be seriously considered.

EDITORIAL COMMENT: One link snaps...and the chain breaks! It happens to kids' bicycles, and it has happened to WTFDA as a club. No one is happy about this, but we are not going to rush into a patch job that doesn't promise long-term stability. The lack of communication will (temporarily) be a nuisance and possibly damaging; but we will survive.
Watch this space for POSITIVE NEWS...SOON!

TV NEWS

February 1998

Douglas E. Smith W9WI
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
72777.3143@compuserve.com

*: Non-commercial station
nc: No Change
+/-: Channel offsets (plus,
z/n: minus, zero, and none)
^: Digital TV station

APPLICATIONS FOR NEW STATIONS

St.	Ch.	ERP	HAAT	City; applicant	
BC	3	0.001		Slocan; KXLY [4] translator	
BC	6	0.001		Slocan; KREM [2] translator	
BC	7	0.001		Slocan; Knowledge Network	
BC	10	0.001		Slocan; CKTN [8] translator	
FL	28^	21601?	438	W. Palm Beach; WFLX [29]	26-34-37N/ 80-14-32W
MB	30	0.1		Neepawa; community st.	
OH	15^	500	285	Cleveland; WEWS [5]	41-22-26N/ 81-43-04W
OH	19z	3720	351	Shaker Heights; WOIO [19]	
OH	10^	3.5	304	Shaker Heights; WOIO [19]	41-23-15N/ 81-41-43W
OR	40^	1000	522	Portland; KOIN [6]	45-30-58N/122-43-59W
TX	9^	18.6	526	Dallas; WFAA [8]	32-35-06N/ 96-58-41W

I'm sure the ERP for WFLX-DT is a typo. My guess would be 216.01KW, but that's only a guess. The WOIO application on channel 19 is for an experimental station. I really don't know what's going on here: WOIO is already licensed for NTSC operation on channel 19.

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

St.	Ch.	ERP	HAAT	City; applicant	Call/
CA	31n		K31FC	San Diego; Comm. Svc. TV	32-43-06N/117-09-31W
CA	6^	18.0	38.7	Santa Clara; Intel Corp. (also channels 12, 28, and 62; experimental station)	37-23-16N/121-57-43W
MT	9+	316	147	Havre; Sunbelt Comms. Co.	48-29-39N/109-42-48W
NY	56^	349	397	New York; WCBS [2]	40-44-54N/ 73-59-10W
OK	31z	5000	217	Elk City; TV 31 L.L.C.	35-24-22N/ 99-29-54W
OR	24+	10.6	294	Portland; KNMT [24] (backup transmitter, no change to main)	45-30-58N/122-43-59W
TX	35^	857	518	Dallas; KDFW [4]	32-35-06N/ 96-58-41W
UT	6z	83.84	676	Vernal; TV 6 L.L.C.	40-21-22N/109-08-41W
WI	26^	218.5	455	Madison; WKOW [27]	43-03-21N/ 89-32-06W

New-station permits expired, dismissed, etc.:

CA	Escondido	31	CA	La Jolla	45
CA	San Diego	31, 45	OH	Cleveland Hts.	29

APPLICATIONS TO CHANGE EXISTING FACILITIES

St.	Ch	ERP	HAAT	Call	City
CA	26z	37.76		K26CO	Redding
LA	21z	42.3		KANC-LP	Baton Rouge
MS	*29+	1012	475	WMPN-TV	Jackson
NC	3z	nc	541	WBTB	Charlotte
NH	*49+	nc	nc	WLED-TV	Littleton
(no real change, just a correction of coordinates)					
NY	27	nc		WNXY-LP	New York (from ch. 54)
PR	18z	nc	275	WTCV	San Juan

APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

St.	Ch	ERP	HAAT	Call	City
FL	61+	14.0		W61DD	Miami
IA	52+	40.8		K52BH	Ames
IA	61+	19.1		K61FF	Cedar Rapids
ID	33n	nc		K33DT	Boise

APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

<u>St.</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City</u>	
NV	4z	51.0	904	KRNV	Reno	39-18-45N/119-53-00W
OH	23+	nc	296	WAKC-TV	Akron	41-03-53N/ 81-34-59W
OH	25z	26.5		W24BC	Steubenville	40-21-59N/ 80-35-22W
PA	56z	nc	503	WWLF-TV	Hazleton	41-11-00N/ 75-52-10W
VT	49-	nc		W49BU	Manchester	43-09-56N/ 73-06-59W
WI	*10+	nc	373	WMVS	Milwaukee	43-05-44N/ 87-54-17W

CHANGES GRANTED TO EXISTING FACILITIES

<u>St.</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City</u>	
AB	6n	nc		CBRT-12	Cardston (from channel 2)	
BC	5+	0.155		CBCY-TV-2	Smithers	
AR	20z	10.4		K20EX	Batesville	
CA	38+	9.8		K3BEA	Los Angeles	34-11-15N/117-41-59W
(from Woodcrest)						
CA	43-	0.7		K43FM	Salinas	36-45-22N/121-30-05W
(from K29AB)						
CA	15-	15.0		K15DB	Santa Barbara	
CA	40+	3.7		K40DQ	Tulare	
FL	43z	21.3		W43AY	Naples	
FL	*3z	80	470	WEDU	Tampa	27-50-52N/ 82-15-48W
FL	61z	24.87		WVEA-LP	Tampa	
IA	23+	64.0		K23DM	Des Moines	
KY	67-	400	nc	WAOM	Morehead	38-10-38N/ 83-24-24W
LA	65n	31.36		K65FP	Denham Springs	30-30-23N/ 91-01-54W
MN	33z	24.6		K33FB	Minneapolis	(from K13UT)
MO	24z	11.4		K24DF	Lebanon	
MT	44n	23.22		K44DI	Clyde Park/Emigrant	
NC	57z	14.4		WACN-LP	Apex	
NC	3z	nc	541	WBTV	Charlotte	
NM	21+	10.3		K21FD	Taos	36-23-51N/105-32-34W
(from K09EQ)						
NY	35z	1.2		W35AQ	Syracuse	
OH	61-	9.3		W61DE	Cincinnati	39-12-01N/ 84-31-22W
(from W68BP)						
OR	26	1.057		K26FG	Wasco	45-46-53N/120-33-17W
(from K57CQ)						
PA	57z	5010	357	WPSG	Philadelphia	
SD	50n	nc	nc	K50DG	Brookings	44-18-03N/ 96-46-00W
SK	8z	0.446		CBKST-4	Stanley Mission	
TN	14z	16.4		W11W-LP	Nashville	36-09-48N/ 86-46-56W
(from ch. 11, Hendersonville)						
TX	46+	9.7		K46DL	Kingsville	
TX	62n	14.61		K62DG	Lubbock	
UT	55n	0.735		K55BO	Garfield Co.	
UT	63n	4.656		K63AG	Garfield Co.	
UT	59n	0.947		K59BS	Milford	38-31-12N/113-17-18W
UT	30z	1644	1171	KOOG-TV	Ogden	40-39-12N/112-12-06W
UT	3n	0.016		K03AS	Richfield	

Experimental permission has been granted to Houston, TX LPTVs KACY-LP [24] and KHLN-LP [43] to operate as DTV stations.

Changes expired, dismissed, etc.:

CA	K77AV	Palm Springs	FL	W54CL	Sebring (from ch. 27)
IL	W48CG	Danville	KY	W43BL	Bardstown
ME	W17BJ	Danforth	NE	K23EO	Lexington
PA	WXTV-LP[41]	Philadelphia	TX	KBGS-LP[51]	Victoria
TX	K53CZ	Victoria	VT	W46BW	Burlington
VT	W19BR	Monkton			

WXTV-LP is still technically licensed to channel 35. They've been operating on 41 under special temporary authorization for several (10?) years, due to WYBE [35]. Yet another application to make the channel 41 operation permanent has been denied. K77AV had applied to move to channel 33; this application has been dismissed at the applicant's request. My assumption is that this means K77AV is going dark.

CHANGES GRANTED TO CONSTRUCTION PERMITS

<u>St.</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City</u>	
AR	59z	14.0		K59FB	Batesville	
CA	15-	0.32		K15ET	Fresno	
CA	43+	24.46		K20FP	Payne's Creek	40-20-30N/121-56-32W
	(from ch. 20)					
DE	55z	40.84		W55BT	Talleyville	
FL	50+	2.986		W50BP	Panama City	30-10-49N/ 85-42-05W
IA	52+	40.8		K52BH	Ames	
IA	61+	19.1		K61FF	Cedar Rapids	42-02-43N/ 91-38-48W
IA	19-	1.24		K19DX	Iowa Falls	42-20-10N/ 93-28-00W
IA	47+	1.612		K47EK	Iowa Falls	42-20-10N/ 93-28-00W
ID	33n	nc		K33DT	Boise	43-44-23N/116-08-14W
KS	53+	4.8		K53EO	Wichita	37-41-13N/ 97-20-23W
KY	24+	5.94		W24BT	Talbert	37-11-34N/ 83-11-16W
KY	53-	7.48		W53BO	Talbert	37-11-34N/ 83-11-16W
	(from W10CL)					
NM	21n	34.13		K21FE	Albuquerque	35-04-06N/106-46-46W
	(from K68EO; to be bumped by KOAT-DT!)					
NV	31+	1.33		K31DO	Las Vegas	35-56-43N/115-02-32W
NY	33+	30.8		W33BR	Dunkirk (from W51CN,	Forestville)
OK	25z	5.06		KLOT-LP	Tulsa	
SC	44n	20.3		W44AX	Charleston	
TN	66z	14.0		W66CG	Acton	34-59-41N/ 88-31-17W
TX	19+	8.2		K19DW	Dallas	
UT	16z	2000	859	KZAR-TV	Provo	40-16-45N/111-56-00W

The following changes have been granted to the wireless cable system at Batesville, AR:

K28FO	11.4KW (ch. 28- from ch. 46?)				
K30EC	11.6KW	K35EA	12.3KW	K53FM	14.0KW
K61FP	14.0KW	K65FN	13.8KW	K67GR	13.2KW

TECHNICAL CHANGES ON THE AIR

NH	*11z	WENH-TV	Durham	unknown.
OH	67z	WOAC	Canton	Move about 15km northwest, major power & tower height increases. Still, the new HAAT is only 148m.
PR	13+	WPRV-TV	Fajardo	unknown.
PR	14z	WTIN	Ponce	Move about 25km east-northeast, major power & tower height increases.
TX	36z	KXAN-TV	Austin	Major power increase, moderate tower height decrease.

I've had to omit LPTVs from this category this month, for reasons of space.

NEW STATIONS ON THE AIR

<u>Call:</u>	<u>Ch:</u>	<u>Location:</u>	<u>Power & HAAT:</u>	<u>Coordinates:</u>
K68FB	68+	Phoenix, AZ	85KW	33-29-39N/111-38-28W
K24EP	24+	Prescott, AZ	1.5KW	34-42-17N/112-06-55W
K45ET	45-	Cathedral City, CA	20KW	33-51-58N/116-26-05W
K39EO	39+	Crescent City, CA	30.2KW	41-50-36N/124-07-55W
K68EP	68-	Fresno, CA	59KW	37-04-26N/119-25-52W
K17DI	17+	San Diego, CA	11.9KW	32-41-40N/117-07-17W
KITV	40^	Honolulu, HI	8.5KW/1m	21-17-37N/157-50-34W
K57GQ	57z	Cedar Rapids, IA	0.521KW	41-54-33N/ 91-39-17W
K67GY	67-	Cedar Rapids, IA	0.51KW	41-54-33N/ 91-39-17W
W45BK	45+	Shallotte, NC	13KW	34-02-50N/ 78-16-12W
	(WGS [16] translator, religious)			
K41CQ	41n	Pahrump, NV	0.674KW	36-12-25N/115-57-35W
W58CX	58-	Saratoga Sprs., NY	37.5KW	42-38-16N/ 73-59-55W
W61CZ	61+	Lima, OH	34.8KW	40-38-03N/ 84-12-29W
K63EU	63z	Corpus Christi, TX	33.2KW	27-47-48N/ 97-23-49W
K50ED	50n	Rankin, TX (TBN)	0.76KW	31-12-42N/102-16-29W
K59FQ	59+	Victoria, TX	1KW	28-46-41N/ 96-57-38W
K46EO	46n	Long Valley Jct., UT	0.364KW	37-30-25N/112-30-37W
K50ES	50n	Tooele, UT	1.35KW	40-39-33N/112-12-08W
W17BR	17+	Augusta Co., VA	16.8KW	38-03-10N/ 79-01-15W

NEW STATIONS ON THE AIR

Call:	Ch:	Location:	Power & HAAT:	Coordinates:
W54BT	54+	Roanoke, VA	80KW	37-11-35N/ 80-09-29W
W29CB	29n	St. Thomas, VI	35KW	18-21-25N/ 64-58-00W
K25FP	25-	Ellensburg, WA	0.65KW	46-53-13N/120-26-26W
K49EI	49+	Ellensburg, WA	11.7KW	47-16-30N/120-24-15W
K58DP	58-	Seattle, WA	4.07KW	47-36-17N/122-19-16W

STATIONS DELETED/DISMISSED/ETC.

AZ:	KXGR [46]	ME:	W59DB	OK:	K59FZ K64FG
BC:	CH2739 [8]	MI:	W14CH W21BR	PA:	W66CS
CA:	K25FO	MO:	K17DR	SD:	K40EW K47FE
GA:	W18BW W30BM	ND:	K23EH K42ED K44EM	TX:	K18EZ K38EN
HI:	K31DT		K46EK K48FI K50EL	VA:	W63CN
IA:	K30FB		K52FA K54EY	WI:	W48CE W62CU
LA:	K63FZ	NE:	K22FD K30EZ		

KXGR [46]'s application for extension of their CP was denied, and their CP canceled. On the other hand, I've seen information on this station having an affiliation agreement with one of the new networks, so one might expect them to appeal the denial. Don't cross KXGR out of your database yet... The North Dakota permits comprised a wireless-cable operation in Minot.

CALL CHANGES

Was:	Location:	Now:	NEW [38]	Greenville, NC	WAWO
WNAL-TV[44]	Gadsden, AL	WPXH	W66CO	Raleigh, NC	WWIW-LP
KWBF [13]	Flagstaff, AZ	KBPX	WRMY [47]	Rocky Mount, NC	WRPX
K34AV	Fresno, CA	KSDI-LP	WGOT [60]	Merrimack, NH	WIPX
KPNB-TV[31]	Sacramento, CA	KMAX-TV	K63CD	Alamogordo, NM	KVBA-LP
KZKI [30]	S Bernardino, CA	KPKX	W25CF	Albany, NY	WVBG-LP
KLKV-TV[65]	San Jose, CA	KRPX	WOOD [55]	Amsterdam, NY	WYPX
KUBD [59]	Denver, CO	KGPX	WAKC-TV[23]	Akron, OH	WVPX
WHAI-TV[43]	Bridgeport, CT	WPXB	WTJC [26]	Springfield, OH	WZPX
WHMM [*32]	Washington, DC	WHUT-TV	KMNZ [62]	Okla. City, OK	KOPX
WTGI-TV[61]	Wilmington, DE	WPPX	KGLB-TV[44]	Okmulgee, OK	KTFX
WHBI [67]	Lake Worth, FL	WPXP	K53EA	Eugene, OR	KAMK-LP
WTLK-TV[14]	Rome, GA	WDPX	WSWB-TV[64]	Scranton, PA	WQPX
K22DX	Caldwell, ID	KCLP-LP	WSJN-TV[24]	San Juan, PR	WJPX
WCEE [13]	Mt. Vernon, IL	WPXS	WOST-TV[69]	Block Is., RI	WPXQ
K23ER	Hammond, LA	WSTY-LP	KINZ [68]	Arlington, TX	KPKD
K36ES	New Orleans, LA	WTNO-LP	KTFH [49]	Conroe, TX	KUPX
WHRC [46]	Norwell, MA	WBXP	KVWB-LP[12]	Logan, UT	KUTN-LP
WHSW-TV[24]	Baltimore, MD	WUTB	NEW [24]	Ogden, UT	KAZG
WILV [43]	Battle Ck., MI	WPXU	WEFC [38]	Roanoke, VA	WPXR
KXLI [41]	St. Cloud, MN	KPKM	KBGE [33]	Bellevue, WA	KWPX
KINB [50]	Kansas City, MO	KPXE	WHKE [55]	Kenosha, WI	WPXE
WAAP [16]	Burlington, NC	WGPX	WSCO [14]	Suring, WI	WPXG
W59CR	Durham, NC	WIWW-LP	WSHE-TV[60]	Martinsburg, WV	WWPX

Again, the stations with "PX" in the calls are part of the new PaxNet network.

PROGRAMMING CHANGES

K39EO	Crescent City, CA	Sold to 3ABN.
K38DU	Sioux City, IA	Sold to religious organization.
W51BU	Indianapolis, IN	To PaxNet.
W65CX	Elizabethtown, KY	Sold to TBN.
K61BS	Gallina, NM	Sold to KOB [4], NBC.
K09LQ	Guadalupita, NM	Sold to KOB [4], NBC.
K11NV	Guadalupita, NM	Sold to KRQE [13], CBS.
K09DZ	Mora, NM	Sold to KOB [4], NBC.
K59ER	Las Vegas, NV	To PaxNet.
K28EU	Laughlin, NV	Sold to KVVU [5], Fox.
WOAC [67]	Canton, OH	to "SAH Acquisition Corp."
WLWG-LP [62]	Columbus, OH	To PaxNet.
W61CZ	Lima, OH	To 3ABN.
K43EK	Portland, OR	To PaxNet.
WWLF [56]	Hazleton, PA	from Fox to WB in June.
KSGI-TV [4]	Cedar City, UT	Sold to KSL [5], NBC.
W29CB	St. Thomas, VI	To 3ABN.
KBGE [33]	Seattle, WA	To PaxNet.
WGVV [24]	Milwaukee, WI	Drops UPN, going independent.

CHRO-TV-43 Ottawa has requested permission to program separately from their primary station CHRO [5] Pembroke during telethons. I suspect (but don't know) that "SAH" stands for "Shop-At-Home", a home-shopping network.

OTHER STUFF

Thanks to John Lentz, Tim Noonan, and Jeff Kitsko, for information appearing elsewhere in this month's column.

We now have an operating commercial DTV station. However, most of our members don't stand any chance of DXing it, as it's in Hawaii! KITV-DT began operation on channel 40 in mid-December. Articles in trade magazines indicate the station carries a three-way multiplex of programming - of course, it's too early for the ABC network to be providing them with any high-definition network programming.

FORUM

Chip Kelley, Texas:

Regarding some items in the December *VUD*, Chip confirms that KHFT [29] is now a satellite of KASY [50] Albuquerque, a UPN affiliate. KRHD-LP [22] Bryan, TX is not a full translator of KXXV [25]; it will originate some programming locally.

Chip also asks a question. He brought to my attention applications filed by Texas UHF's KETK [56] Jacksonville and KLSB [19] Nacogdoches, to both move to the same 472m tower at 31-54-16N/95-05-07W, between Jacksonville and Rusk. The strange thing about this, is that the stations at least at one time were commonly owned, and KLSB is still a satellite of KETK. While the FCC can now allow commonly-owned radio stations to have overlapping coverage, Congress has not yet given permission to allow this for TV. Chip wonders whether one of the stations has been sold (maybe into a LMA of some kind?), or if it's an FCC typo? I don't know. The licensees listed in the FCC database are different, but I don't remember any transfers of control recently. I think these licensees are both subsidiaries of the same company. (and thus are still covered by the multiple-ownership laws) My suspicion is it's a typo.

Bill Hepburn, Brampton ON:

We have yet another version of the "ON-TV" callsign listings.. Bill saw the "sign-on" announcement on CHCH [11], listing the repeaters throughout the province. Unfortunately, the calls given on the slide don't agree with those in the official Industry Canada database:

<u>Station:</u>	<u>CHCH ID slide:</u>	<u>Industry Canada DB:</u>
Muskoka (Severn Falls) 67	CHCH-TV-2	CHCH-TV-3
Timmins 11	CHCH-TV-3	CHCH-TV-7
London 12 (or 51, or 3?)	not mentioned	CHCH-TV-2

The other four repeater calls agree with the database. Bill speculates the delay in getting the London station on the air (indeed, in finding a channel for it to operate on!) is responsible for the shuffle.

Eric Bueneman, St. Louis MO:

St. Louis' PaxNet affiliate is now on the air. At a Dec. 19 ham club meeting, Eric noted K40FF operating, as a translator of WCEE [13] (WPXS, by the time you read this) Mount Vernon, Illinois. "The signal is much clearer than that of K07TV-7. In fact, I can receive it at semi-local strength at my QTH. K07TV was plagued with QRM from KHQA-7." K40FF is the same license as K07TV, though with the channel change I would imagine the license is just about all they could keep! Eric also notes KMOV [4] has finally gone stereo, after a large influx of investment from A.H. Belo, KMOV's new owners.

73 Doug

FM NEWS

FEBRUARY 1998

editor- GREG CONIGLIO
90 SLATE CREEK DRIVE - APT. 3
CHEEKTOWAGA, NEW YORK 14227
E-MAIL coniglio@localnet.com
TIP DEADLINE - The 10th

Many of the items listed in this column are taken from the publication:
M Street Journal - P.O. Box 1479 - Madison, TN 37116-1479
PHONE (615) 865-1525 FAX (615) 865-2598

KEY:

&: satellite programming
AF: new freq. allocation **accepted** for filing for a new FM license
AFA: American Family Association
CC: **call change**/new calls assigned
CL: **city of license** change granted
CO: new xmtr **co-ordinates**
CX: a CP has expired, and is cancelled
C1,C2, etc: change in class status
DA: **directional antenna**
DE: calls **deleted**, license returned to FCC
FC: station **format change**

GA: **granted amendment** to table of FM allocations
GE: station was **granted extension** of a CP
GX: **granted** replacement of expired CP
LC: filed for license to cover (for new stn.)
MC: **multiple-city** legal ID
NC: **no change** yet, on a reported pending grant/change.
ND: non-directional
NO: station is **not** on the air
NS: a **new station** granted a license
OSA: one-step application
NW: **new** station signs on the air
PA: **proposed amendment** to change table of allocations
PC>: a **power change** (increase)

PC<: a **power change** (decrease)
PG>: **power change granted** (increase)
PG<: **power change granted** (decrease)
QC: **frequency change** for this station
QG: **frequency change granted**
RA: station **returns** to the air
RE: station **requests extension** of a CP
RX: station **requests** re-instatement of an expired CP
SG: **slogan** change or update
Sl: station is **silent**
XA: **dismissed amendment** to the table of FM allocations
XC: station changes xmtr site
XG: station granted a transmitter (xmtr) site change



UNITED STATES

ALABAMA:

Birmingham: WRAX107.7 CC (ex WENN) "The X"
Brantley: WAOQ100.3 NO-GE
Brewton: WPHG 90.9 NO-GX, PG> 45 kW, 502' XG: 31-18-06 / 87-02-44
Brundrige: WTBG 94.7 PC 14.5 kW, 433 ft, C3
Chatham: WFOV106.1 NC to 12 kW, 473 ft, RE
Dothan: WGTF 89.5 PG> 19 kW, 210 ft, DA, C3
E.Brewton: WGCX 95.7 NO-RE
Georgiana: *NS 89.3 AF (AFA)
Pine Hill: *NS 96.7 NO-RE
Trussville: WENN105.9 CC (ex WRAX)
Warrior: WBHK 98.7 PG> 9.4 kW, 7125 ft C2, XG: 33-29-04 / 86-48-25

ALASKA:

Anchorage: KSKA 91.1 NC to 100 kW, 617, GE
Valdez: *NS 93.3 AF

ARIZONA:

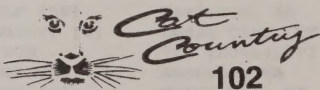
Clifton: KWRQ102.1 adds Jones classic rock (&)
Green Valley: KGMS97.1PC< 330w, 2417 ft, DA C3, XC: 31-52-37 / 111-12-52
Hotevilla: *NS 89.1 100 kW, 656 ft.
L.Havasay City: KRRK 101.1 CC (ex KBBC)
Oro Valley: KSJM 97.5 FC to talk/sports // KTUC
Prescott: KPUB 89.3 LC
Show Low: KNAA 90.7 LC
Tuscon: KZPT 104.1 CC (ex KKHG) "The Point"
Williams: KWMX 96.7 NW, oldies
Window Rock: KWRK 96.1 FC to adult cont.

ARKANSAS:

Batesville: KZLE 93.1 inc. to 984 ft, class C
Batesville: *NS 99.5 AF
Benton: KDDK106.7 CC (ex KMKV) "The Duck"
Calico Rock: *** 97.1 GA: add class A
Heber Sps: *NS 89.7 AF (AFA)
Jacksonville: KQAR100.3 CC (ex KDDK) "Q100"
Leslie: *** 97.1 XA to add class C2
Lonoke: KMZX106.3 NC to 50 kW, 492 ft, GE FC to classic country (Little Rock)
Marvell: *NS 90.7 50 kW, 492 ft, DA
Ola: KARV 101.3 CC (NS)
St.Paul: *** 105.3 GA: add class A
Sherwood: KOKY102.1 CC (ex KESR) "Ko-Kee" FC to urban AC (Little Rock)
W.Helena: KJIW 94.5 PC> 16 kW, 341 ft, C3 XC: 34-31-28 / 90-35-47

CALIFORNIA:

Arnold: K290AH105.9 NS-10w: KCFA 106.1
Bakersfield: KIW 92.1 PC< 2 kW, 567 ft.
Blue Lake: *** 106.3 GA: add class A
Calxico: KQVO 97.7 PC> 6 kW, 305 ft.
Coalinga: KAZB 88.3 CC (NS)
Crescent City: KHSR 91.9 CC (NS)
Double Mtn: K219AO 91.7 now // KEAR 106.9
Fair Oaks: KSSJ 94.7 CC (ex KBYA), RA with smooth jazz (Sacramento), CL from Carson City, NV (this represents a move of about 90 miles!)
Ford City: KZPE 102.1 NO-GX
Fremont: KUFH 104.9 CC (ex KBRG), FC to classic rock (San Jose)
Gilroy: KBAY 94.5 CC (ex KUFX), FC to soft AC (San Jose)
Grover City: KIXT 107.3 Sl
Gusati: K264AF100.7 NS-8w (DA): KLRD 90.1
Lamont: *NS 91.7 AF
Lewiston: K254AJ 98.7 NS-10: KLVC 88.3
Lompoc: KAOH 104.9 NO-RE
Lompoc: *NS 90.5 AF
Manteca: KFRY 96.7 PG> 1.5 kW, 1466 ft XG: 37-43-44 / 121-07-34



California:

Marysville: KRCX 99.9 CC (ex KSXX)
 Meeker: KAYW 98.1 CC (NS)
 Mendocino: KAKX 89.3 NO-RE, PG> 250w(v), -7'
 Mojave: KAVS 97.7 PG> 6 kW, 328 ft.
 Ojai: KKBK 105.5 PG> 310 w, 437 ft
 XG: 34-20-55 / 119-20-13
 Pacific Grove: KOCN105.1 NC to 4.2 kW, 790', GX
 Point Arena: *** 102.3 PA: move to 107.1 - B1
 Rancho Mirage: KMRJ 99.5 NO-RE
 Ridgecrest: KLOA 104.9 NC to 1.5 kW, 1322', GX
 San Fran: KEAR106.9 dec. to 1000 ft
 XG: 37-51-04 / 122-29-50
 San Fran: KOIT 96.5 PG< 24 kW, 1574 ft
 San Jose: KBRG100.3 CC (ex KBAY), FC to
 romantica
 Santa Barbara: KLDZ 107.7 NO-GE
 Santa Barbara: K295AH 106.9 on air w/ KMRO 90.3
 Seaside: KISE 103.9 NC to 1.4 kW, 604 ft, CX CP
 Shafter: KRME 97.7 PG> 6 kW
 Shafter: KCOO104.3 CC (ex KLYD) "Cool"
 Shingle Springs: KRRE 101.9 CC (ex KSSJ), FC
 to romantica (Sacramento)
 S.Lake Tahoe: KZZF 102.9 PG> 40 kW, 2886 ft
 class C, XG: 39-18-37 / 119-53-01
 Stockton: KQOD100.1 inc. to 328 ft
 XG: 37-59-33 / 121-12-50
 Taft: K293AG 106.5 NS-on air // KTLW 88.9
 Truckee: K203CN88.5 80w(v): KUNR 88.7 Reno

COLORADO:

Eckley: *** 95.3 GA: add class C1
 Ft. Morgan: KBRU101.7 drops Spanish
 Fountain: KPRZ 96.1 PG> 1.7 kW, 2198 ft
 XG: 38-44-43 / 104-51-39
 Kremmling: KRKM106.3 FC to classic hits/talk
 Montrose: KAZD 89.1 CC (NS)
 Pagosa Sps: KWUF106.3 FC to WW1 oldies (&)
 Steamboat Sps: KBKR 96.9 PG> 10 kW (h), 666 ft
 C2, XC: 40-27-43 / 106-50-57
 Vail: *NS 88.5 AF

96.9 FM
The Bear

CONNECTICUT:

Hartford: WQTQ 89.9 inc. to 115 ft.
 New Haven: WPLR99.1 PC> 15 kW, 905 ft.

DELAWARE:

Laurel: WJNE 95.3 CC (ex WDNO) "Jane"
 Ocean View: WRKE 101.7 adds Doug Banks

FLORIDA:

Apalachicola: WXGJ 105.5 NW, country "Pure Cntry"
 Belleview: WWKO91.3 CC (NS)
 Carrabelle: WCAF106.5 NO-GE
 Crystal River: WTKK98.5 dec. to 981 ft., C1
 XC: 29-17-03 / 82-39-51
 Englewood: WLTF105.9 CC (ex WEDD)
 Florida City: WMFL 88.5 NO-GE
 Ft. Pierce: WCLB 95.5 drops Howard Stern
 Ft. Pierce: WKGR 98.7 adds Bob & Tom
 Jupiter: WTPX105.5 OSA to C2, 19 kW, 807 ft
 DA, CL: Hobe Sound, FL

Florida:

Marco: WAWM91.7 CC (NS)
 N.Port Richey: WLPJ 91.5 PC> 22 kW, 230 ft, DA, C3
 Plantation Key: WFKZ 103.1 NC to 328', GE
 St.Petersburg: WCOF 107.3 dec. to 597 ft.
 Sarasota: WSRZ106.5 PG> 13 kW, 584 ft
 XG: 27-32-42 / 82-34-27
 Sebring: *NS 88.3 AF
GEORGIA:
 Chatsworth: WQMT98.9 PG> 6 kW, 312 ft, DA
 XG: 82-49-42 (???) / 84-53-41
 Donaldsonville: *NS107.5 6 kW, 207 ft,
 Douglas: WKZZ 92.5 NO-RE
 Perry: WPGA100.9 PG> 3.3 kW, 446 ft.
 Rome: WQTU102.3 FC to WW1 soft AC (&)
 Talking Rock: *NS100.1 3.5 kW, 426 ft.
 Thomaston: WTGA101.1 FC to Jones oldies (&)

HAWAII:

Hilo: KCIF 90.3 PG< 850w (v), -692 ft, class
 A, XG: 19-43-36 / 155-05-29
 Kailua: KRTR 96.3 NC to 2116 ft, GX
 Kailua Kona: K208CU 89.5 NS- KAWZ 88.9 ID
 Lahaina: KPOA 93.5 PC> 72 kW, 2283 ft, DA, class
 C, XC: 20-39-36 / 156-21-50

IDAHO:

Burley: KBSY 88.5 CC (NS)
 Mountain Home: K273AC 102.5 NS- KAWZ 88.9 ID
 Pocatello: *NS 91.1 410 w, 1043 ft (I.S.U.)

ILLINOIS:

Cairo: *NS 88.5 AF (AFA)
 Columbia: KMJM104.9 CC (ex WIMJ) "Magic"
 Danville: W227AL93.3 NS-13w(v): WPCS 89.5 FL
 DuQuoin: WAWJ 90.1 6 kW (v), 289 ft, AFA
 CC (NS)
 Dwight: WLDC 98.9 PG< 1.3 kW, 489 ft
 XG: 41-02-06 / 88-26-10
 Effingham: W202BF88.3 NS-19w: WYFG 89.3 SC
 Freeport: WNIE 89.1 NO-GX
 Greenup: *NS 89.3 AF
 Kankakee: WVLI 95.1 PG< 2.3 kW, 367 ft.
 LaSalle: WNIW 91.3 NO-GX
 Metropolis: WRIK 98.3 NC to 100 kW, 699 ft, GX
 Monticello: WCZQ105.5 adds Real Country (&)
 Mt.Morris: WSEY 95.7 NO-RE
 Pittsfield: *NS 91.7 500 w, 190 ft.
 Pontiac: W201BT88.1 NS-55w: WYFG 89.3 SC
 Quincy: WQUB 90.3 inc. to 567 ft.
 Ramsey: WJLY 93.3 NC to 2550w, 505', GX
 Salem: W205BD88.9 NS-38w: WYFG 89.3 SC
 Seneca: WJEK 95.7 LC
 Sterling: WNIQ 91.5 NO-GX
 Tower Hill: WRAN 89.3 LC
 Virden: WCVS 96.7 adds Bob & Tom



INDIANA:

Alexandria: WAXT 96.7 FC to adult contemp.
 Anderson: WGNR 97.9 CC (ex WXXP), FC to religion
 Columbus: *NS 90.3 AF
 Danville: WSYW107.1 PG> 1.8 kW
 Elkhart: W210BF 89.9 NS-11w: KEFX
 Evansville: W211AW90.1 NS-20w(v): WPCS 89.5 FL
 Lebanon: *NS 91.1 AF
 Loogootee: WRZR94.1 CC (ex WKMD) "The Razor"
 Portland: WBSJ 91.7 PG to 2 kW, 220 ft.
 Terre Haute: W217AS 91.3 NS-10w(v): WPCS 89.5 FL
 W.Lafayette: WHPL89.9 PC> 2 kW (v), DA

IOWA:

Alta: KBVU 97.5 NW, modern AC (&)
 Anamosa: *** 95.7 GA: add class A
 Asbury: *** 95.5 GA: add class A
 Burlington: K257DR99.3 NS-170w: WGCA 88.5 IL
 Davenport: KCQQ106.5 dec. to 895 ft,
 XG: 41-37-58 / 90-24-38
 Maquoketa: KMAQ 95.3 NC to 95.1 6 kW, GE
 Marshalltown: K205CZ 88.9 NS-250w: WYFG 89.3 SC
 Mason City: *NS 88.5 AF (AFA)
 Mt.Pleasant: KAYP89.9 CC (NS)
 Osage City: KWMM 103.7 CC (ex KCZY), FC to WW1
 standards (&) (Mason City)
 Sageville: KIYX 106.1 NO-RE

KANSAS:

Arkansas City: KAXR91.3 250w, 59 ft., AFA CC (NS)
 Colby: *NS 97.9 100 kW, 712 ft.
 Copeland: KHYM103.9 inc. to 751 ft.
 Dodge City: KDGB93.9 NW, classic rock "Ralph"
 Ft.Scott: KVCY104.7 PC> 16 kW, 410 ft, C3
 Hays: KJLS 103.3 XG: 39-01-15 / 99-28-12
 Hill City: KKQY101.9 XG: 39-01-15 / 99-28-12
 Hutchinson: *** 95.9 GA: add class A
 Ottawa: KCHZ 95.7 FC to CHR (Kansas City)
 Plainville: KFIF 96.7 NO-RE
 Salina: KCVS 90.7 QG to 91.7 - C3, PG> 25 kW

KENTUCKY:

Ashland: *NS 91.1 AF
 Carlisle: WVCM100.7 CC (ex WCAK)
 Drakesboro: WNTC103.9 CC (NS)
 Elkhorn City: WPKE103.1 NC to 320w, 1397', GE
 Garrison: WOKE 98.3 NO-RE
 Jamestown: WJRS104.9 adds Jones country (&)
 Madisonville: WKTG93.9 PG< 35 kW, 584 ft
 XG: 37-31-26 / 87-24-11
 Radcliff: WASE103.5 PC< 7.8 kW, 502 ft.
 Somerset: WLLK102.3 PC> 6 kW

LOUISIANA:

Atlanta: *NS 106.5 AF
 Baker: WTGE107.3 FC to oldies (Baton Rouge)
 Bastrop: KAXV 91.9 6 kW, 325 ft, AFA, CC (NS)
 DeQuincy: *NS 89.1 AF
 Donaldsonville: KKAY 104.9 NC to 6 kW, 328 ft, GE
 Folsom: WYLK104.7 adds classic C&W (&)
 Franklin: *** 106.9 GA: add class C3
 (XA to make this class A, from 105.5 - A)
 Hammond: WHMD107.1 FC to a/c (Baton Rouge)
 Jackson: WBJJ 104.5 NO-RE
 Jena: KAYT 88.1 CC (NS)
 Jonesboro: KTOC104.9 reported SI
 Louisville: *NS 105.1 6 kW, 328 ft.
 Madison: KMDL 97.3 PC> 38 kW, 561 ft.

Louisiana:

Lacombe: WYLA 94.7 adds classic CW (&) (N.O.)
 Lafayette: K224CO92.7 NS-245w(v): WPCS 89.5 FL
 Lake Charles: KBIU 103.7 inc. to 489 ft
 XC: 30-14-41 / 93-20-38
 Natchitoches: KZBL100.7 QC from 95.9
 Norco: *NS 91.1 AF
 White Castle: *** 106.9 XA to add class A


MAINE:

Freeport: WMSJ 89.3 NW, cont. Christian, CC (NS)
 Harpswell: WYFP 91.9 FC to BBN religion
 CC (ex WMSJ)
 Houlton: WHOU100.1 PC> 9.6 kW, 525 ft.
 Isleboro: *NS 105.5 NO-RE
 Lincoln: WMHX105.7 PC< 48 kW, 466 ft
 XC: 45-20-38 / 68-30-24 (changes to non-commercial)

MARYLAND:

Federalburg: WTDK 107.1 FC to WW1 oldies (&)
 Leanordtown: *NS 91.7 50 kW, 292 ft, DA
 Morningside: WPGC95.5 adds Ed Lover / Dr.Dre
 (overnights) (Washington D.C.)
 Ocean City: WSDL90.7 C C (N S)
 Pocomoke City: *NS92.56 kW, 328 ft.

MASSACHUSETTS:

Framingham: WROR105.7 PC> 22.5 kW (v), 735 ft
 DA, XC: 42-20-50 / 71-04-59
 Northampton: WEIB106.3 PG> 5.8 kW, 381 ft
 XG: 42-22-25 / 72-40-26
 Woods Hole: WCAI90.1 CC (ex WHMV)

MICHIGAN:

Alpena: WHSB107.7 NC to 100 kW, 610', GX
 Bronson: WCVN 94.7 NO-GE
 Brooklyn: WKHM105.3 FC to hot AC
 Burton: *NS 89.7 AF
 Detroit: WXDG105.1 CC (ex WQRS) "The Edge"
 Fife Lake: *NS 95.9 AF
 Glen Arbor: WGFN 98.1 PC> 21 kW, 738 ft, C2
 XC: 44-49-16 / 85-59-47
 Harbor Sp: WCMW103.9 PC< 12 kW, 1000 ft
 XC: 45-30-08 / 85-01-44
 Harrisville: *NS 89.7 AF
 Lake City: WNHB104.9 NO-CX-DE
 L'Anse: WCUP106.1 LC
 Leland: WBYB 94.3 CC (ex WIAR), FC to
 country "B-94.3" (Traverse City)
 Rose Twp: *NS 89.7 AF
 Tawas City: WHST107.3CX CP for 106.1 - C3
 Tawas City: WKJC104.7 XC: 44-24-48 / 83-37-14
 Traverse City: WNMC 90.7 QC from 90.9, PC> 600w
 538 ft, XC: 44-46-36 / 85-41-02



MINNESOTA:

Bemidji: *NS 95.5 100 kW, 528 ft.
 Cambridge: KZNT 105.3 CC (ex KXXU) "The Zone"
 Deer River: *NS 105.5 100 kW, 508 ft.
 Eden Prairie: KZNZ105.7 CC (ex KXXR) "The Zone"
 Grand Marais: WXXZ 95.3 NO-GX
 Hutchinson: *** 95.9 GA: add class A
 LaCrescent: KQEG102.7 PC> 3.6 kW
 Lakeville: KZNR 105.1 CC (ex KXXP) "The Zone"
 Madison: KLQP 92.1 PG> 25 kW, class C3
 Minneapolis: KBEM88.5 PG> 2.9 kW, 479 ft
 DA, XG: 44-59-54 / 93-11-18
 Minneapolis: KXXR93.7 CC (ex KEGE)

MISSISSIPPI:

Bay Springs: WIZK93.5 QC from 94.3, CX CP For
 328' (but has PG for 50 kW, 410 ft.)
 Belzoni: WBYP107.1 PG> 18 kW, 390 ft
 XG: 33-03-04 / 90-37-51
 Belzoni: WNGN106.3 PA: to CL: Tchula, MS - C3
 Burnsville: *NS 91.9 18 kW, 676 ft.
 Clarksdale: WKDJ 96.5 adds WW1 country (&)
 Grenada: WQXB100.1 NC to 24.5 kW, 708', GE
 Gulfport: WGCM102.3 PC< 16 kW, 358 ft
 XG: 30-27-30 / 89-04-46
 Hattiesburg: WXR104.5 inc. to 981 ft
 Iuka: K226AJ 93.1 NS-19w: WMXX 103.1 TN
 Kosciusko: *NS 103.3 AF
 Liberty: *NS 107.7 AF
 Quitman: WYKK 98.9 PC> 25 kW, 315 ft, C3
 Sumrall: WJSJ 97.3 LC
 Yazoo City: WMGO93.1 CC (NS)

MISSOURI:

Branson: KLFC 88.1 inc. to 390 ft.
 Canton: KRRY100.9 PG> 50 kW, 302 ft, C2
 XG: 40-07-33 / 91-31-41
 Gideon: *** 103.9 GA: add class A
 Jefferson City: KJMO 100.1 FC to soft AC "Kiss 100.1"
 Mountain View: KUPH 96.9 CC (ex KCUF)
 Owensville: *NS 95.3 3.5 kW, 426 ft.
 Pleasant Hope: KTOZ 95.5 PG< 44 kW, 522 ft,
 XG: 37-13-25 / 93-14-30
 Sikeston: KBXB 97.9 PC> 50 kW, class C2
 Vienna: *NS 90.9 AF
 Waynesville: KJPW 102.3 PC> 2650w, 492 ft.

MONTANA:

Baker: *NS 100.5 AF
 Billings: K259AN99.7 NS- KEAR 106.9 CA
 Black Eagle: K272DU 102.3 NS- KEAR 106.9 CA
 Columbia Falls: KKMT 95.9 NW, AC "The Mountain"
 Hamilton: *NS 98.1 13.5 kW, 426 ft.
 Hamilton: KUFN 91.9 NO-GE
 Kalispell: *NS 88.7 AF
 Missoula: *NS 88.3 AF
 Plains: *NS 91.5 500 w, 4041 ft.

NEBRASKA:

Hastings: KFKX 90.1 LC
 Hubbard: KAYA 91.3 LC
 Imperial: *NS 102.9 AF
 Nebraska City: KESY 97.7 CC (ex KOSJ),
 FC to soft AC (Omaha)
 Omaha: KESY 104.5 NC? FC to hot AC or modern
 AC format (per Omaha newspaper)
 Sidney: KSID 98.7 drops Rush Limbaugh

Soft
104.5 FM
1420AM KESY

NEVADA:

Beatty: *NS 100.3 AF
 Mesquite: *** 96.7 GA: add class C
 Smith: *NS 92.3 AF

NEW HAMPSHIRE:

Nashua: *NS 88.3 AF
 Peterborough: *NS 88.1 AF

NEW JERSEY:

Atlantic City: WMGM103.7 XC: 39-23-24 / 74-30-45
 Cape May: WSJL102.3 FC to smooth jazz (&) // WSAX
 Cape May CH: WNJZ 90.3 NO-GE
 Manahawkin: WNJO 105.7 NO-GE, PG> 6.3 kW
 523 ft, DA, XG: 39-45-06 / 74-15-39, CC (ex WAQB)
 Pleasantville: WSAX99.3 CC (ex WMID), FC to smooth
 jazz (&) (Atlantic City) SG "Sax"
 Pt. Republic: *NS 88.3 AF
 Tuckerton: WBHX 99.7 NO-RX
 Villas: WFNN 98.7 FC to classic rock (Cape May)

NEW MEXICO:

Alamogordo: *NS 107.9 AF
 Kirtland: *NS 102.9 AF

NEW YORK:

Amherst: *** 92.1 GA: add class A
 Buffalo: WEDG103.3 will run Buffalo Bills games
 Buffalo: WGRF 96.9 Buffalo Bills // WEDG 103.3
 Eagle Bridge: *NS 88.1 AF
 Elmira: WENY 92.7 NC to 1.2 kW, 715', GX
 Fenner: *NS 90.5 AF
 Geneva: W212BA90.3 NS-88w: WEOS 89.7
 Hague: WWFY 93.7 CC (NS)
 Ithaca: WQNY103.7 NC to 15.5 kW, 879', RE
 Kenne: W209AZ89.7 NS-10w(h): WSL 90.9
 Liberty: WGWR88.1 LC
 Lockport: *** 92.1 XA: add class A
 Newburgh: WGNV103.1 PG> 6 kW, 279 ft,
 XG: 41-28-25 / 74-08-22
 Ogdensburg: WZEA98.7 NO-RE
 Rensselaerville: WGKP 89.9 NO-RE
 Southampton: WRL191.3 NO-GE
 Weathersfield Twp: WNUC 107.7 PC> 18 kW, DA
 Windsor: *** 106.7 GA: add class A

NORTH CAROLINA:

Ayden: W220BW91.9 NS-250w(v): WOTJ 90.7
 Boone: W298AJ107.5 NS-10w: WBFJ 89.3
 Burlington: W279AK103.7 NS-13w: WBFJ 89.3
 Eden: W291AN106.1 NS-20w: WBFJ 89.3
 Hatteras: *NS 94.5 100 kW, 981 ft, DA
 Mocksville: W267AM101.3 NS-120w: WBFJ 89.3
 Roanoke Rapids: WZRU 88.5 PC> 35 kW (h)
 Robbinsville: WCVP 95.9 PG> 120 watts
 Salisbury: WEND106.5 PC< 65 kW, 1046 ft, C1
 XG: 35-35-32 / 80-37-44
 Semora: WPXX106.7 OSA to C2, 50 kW, 492 ft.
 Swan Quarter: WHYC 88.5 inc. to 262 ft
 XG: 35-26-27 / 76-13-19
 Warrenton: WXNC107.3 NO-RE

NORTH DAKOTA:

Bismarck: KACL 98.7 NC to 830 ft, GX
 Bismarck: KCND 90.5 PC< 50 kW, 1217', C1
 Minot: KMPR 88.9 PC< 50 kW, 928', C1
 Williston: KYYZ 96.1 FC to country

OHIO:

Athens: WJKW 95.9 PG> 5.1 kW, 354 ft
 DA, XG: 39-13-57 / 82-03-54
 Athens: WXTQ105.5 PC> 6 kW, 312'
 Columbus: WCKX107.5 CC (ex WJZA), FC
 to urban
 Delhi Hills: WJYC 90.1 NO-GE
 Englewood: WBTT94.5 PG< 2.8 kW, 482 ft, DA
 XG: 39-44-12 / 84-09-25
 Kent: WKSU 89.7 PG< 14.5 kW, 909 ft, DA
 XG: 41-04-58 / 81-38-02
 Lebanon: WMMA97.3 adds Bob & Sheri
 London: WMXG106.3 CC (ex WCKX), FC to
 urban AC "Mix" (Columbus)
 Marysville: WHQK105.7 FC to classic hits "Fox"
 Piketon: WXZQ100.1 NW, MC1 CHR (&)
 Westerville: *NS 103.9 NO-RX
 Zanesville: *NS 91.7 6 kW, 276 ft. DA

OKLAHOMA:

Ada: *NS 88.7 AF (AFA)
 Ada: KADA 99.3 QC from 96.7? Noted on
 this new freq. by a reporter
 Ardmore: KLCU 90.3 CC (NS)
 Bethany: KNTL 104.9 FC to jazz // KTNT 97.9
 Coalgate: KAZE 105.5 CC (NS)
 Collinsville: KMRX101.5 CC (ex KQSY)
 Comanche: RDDQ 96.7 QG to 97.1, inc. 302 ft, DA
 Enid: K221DU92.1 NS-170w(v): WPCS FL
 Lawton: KMGZ 95.3 NC to 14 kW, 312', GE
 Pawhuska: KTGP103.9 LC
 Tishomingo: KAZC 88.3 CC (NS)
 Wewoka: KWSH104.7 PC to 1.7 kW, 505 ft.

OREGON:

Hermiston: KQFM 99.3 FC to oldies
 PA: to 99.5 - A
 Milton-Freewater: KLRG 88.5 CC (NS)
 Seaside: KULU 98.9 NO-RE
 Tillamook: KJUN 94.1 950 w, 745 ft. CC (NS)

PENNSYLVANIA:

Benton: WGGI 95.9 CC (ex WKXP) "Froggy"
 Franklin: WAWN89.5 1 kW, 315 ft, AFA, CC (NS)
 Johnstown: WQEZ 89.7 NW, classical // WQED 89.3
 Red Lion: WTHM 96.1 CC (ex WGCN)
 Village Green: W278AK 103.5 NS-80w,
 DA: WXHL 89.1 DE
 York: *NS 88.7 AF

RHODE ISLAND:

Providence: WHJY 94.1 inc. to 456 ft.

SOUTH CAROLINA:

Charleston: WLLC100.5 FC to modern AC "Alice"
 CC (ex WSUY)
 Charleston: WSUY 96.9 CC (ex WJZK) "Sunny 96.9"
 Clemson: WCCP104.9 FC to 1-on-1 sports (&)
 Cross Hill: *NS 94.1 AF
 Murrell's Inlet: WHGB 88.3 LC
 Orangeburg: WKSO103.9 NC to 9.2 kW, 531 ft, RE

SOUTH DAKOTA:

Sioux Falls: KKL104.7 FC to CHR "Hot 104.7"
 increase to 974 ft.
 Sioux Falls: *NS 90.1 AF (AFA)
 Sioux Falls: KMXC97.3 PG> 100 kW, 974 ft
 XG: 43-43-46 / 97-05-10
 Winner: KWWY 93.7 FC to Jones a/c (&)

TENNESSEE:

Brownsville: *NS 88.3 AF
 Clinton: WYFC 95.3 PG> 1,450 watts
 Columbia: WKOM101.7 PG> 4.1 kW, 387 ft.
 XC: 35-37-05 / 87-02-33
 Dickson: WYYB 93.7 FC to Americana format
 "The Phoenix" (Nashville)
 Gallatin: WLAC104.5 PG< 38 kW (cir), 1424 ft, DA
 CC (ex WGFX), FC to AC "Star"
 Germantown: WKSL107.5 CC (ex WJOI)
 Graysville: WAYB 95.7 PG> 6 kW, 328 ft, DA
 XG: 35-24-39 / 85-07-54
 Jamestown: WCLC105.1 NC to 2850w, 476 ft, RE
 Lawrenceburg: WAWI 89.7 CC (NS)
 Lockwood Lake: W214AU 90.7 NS-WPCS 89.5 FL
 Maryville: WGAP 95.7 PG> 6 kW, 321 ft.
 Memphis: WEVL 89.9 PC< 9.3 kW, 285 ft,
 XC: 35-07-46 / 89-45-30
 Mt. Juliet: WNPL106.7 NW, urban AC (Nashville)
 Nashville: WGFX105.9 CC (ex WLAC), FC to
 classic hits, will no longer carry the Tennessee
 Oilers NFL team (they move to AM)
 Portland: *NS 91.5 AF
 Savannah: *NS 88.1 AF
 Springfield: WDBL 94.3 adds Americana (// WYYB
 93.7) noon to 7 pm
 Winchster: W239AE 95.7 NS-WYFD 91.7 AL

TEXAS:

Amarillo: K217CU91.3 NS-25w(v): WPCS 89.5 FL
 Beaumont: KAYD 97.5 dec. to 469 ft.
 Bishop: KFLZ 106.9 FC to One-on-One sports (&)
 Breckenridge: KLXK93.5 PG> 38 kW, 561 ft, C2
 XG: 32-50-19 / 98-40-07
 Bridgeport: KBOC 98.3 QC from 96.7
 Brownwood: *NS 91.7 290 w, 571 ft.
 Burkburnett: KYYI 104.7 FC to classic rock
 "The Bear"
 Centerville: KAJG 103.1 NO-RE
 Clarendon: KEFH 99.3 dec. to 282 ft
 XG: 35-04-41 / 100-53-30
 Corpus Christi: KLTG 96.5 FC to classic hits "K-Lite"
 Dimmitt: KNNK100.5 N O - G E
 Electra: *NS 94.9 NO-GE
 El Paso: KVER 91.1 PC> 510 watts
 Falfurrias: KPSS106.3 drops religion
 Falfurrias: *NS 103.3 3 kW, 328 ft.
 Farmersville: *NS 92.1 AF
 Ft. Worth: KEGF 97.1 CX CP for 1673 ft
 XC: 32-35-05 / 96-57-46
 Ganado: KZAM104.7 LC
 Goldsmith: *** 94.7 GA: add class A
 Hebbronville: KAZF 91.9 CC (NS)
 Hempstead: KEZB 105.3 NO-GE
 Hooks: KTHN 95.9 CC (ex KLLI) "Thunder 95.9"
 Houston: KPFT 90.1 PC< 28 kW 672 ft, C1
 Huntsville: KAXF 88.3 PG> 28 kW (v), 522 ft, C2
 Ingleside: KCCG107.3 CC (ex KAHX), FC to oldies

Texas:

Kermit: K218CM91.5 NS-50w: WAFR 88.3 MS
 Kerrville: *NS 88.7 1 KW, 341 ft. AFA
 Kerrville: *NS 91.1 300 w, 207 ft.
 Kerrville: *** 106.1 PA: add class A
 Lexington: *** 105.1 XA to add class A
 Markham: *NS 92.5 3.6 kW, 426 ft, DA
 Midland: *NS 90.1 AF
 Muenster: KXGM106.5 adds Daybreak ASA
 Navasota: KMBV 92.5 PG< 2.5 kW, 459 ft
 XG: 30-30-05 / 96-11-06
 Pecos: KKLY 97.3 PA: to CL: Wink, TX, C1
 Pilot Point: KTCY 104.9 FC to religion "Praise 104.9"
 more teaching, and talk, instead of gospel music
 Plainview: KHDY106.9 NO-GE
 Pt.Comfort: KAJI 94.1 NO-GE
 Refugio: KZTX 106.1 reported SI (C.Christi)
 Round Rock: K286AK 105.1 NS-225w(h): KXPZ 91.3
 San Diego: KUKA105.9 NC to 14 kW (cir), 440', CX
 CP
 Seabrook: KRTS 92.1 NC to 100 kW, 981 ft, GE
 Sulphur Sps: KDXE95.9 FC to gold based AC
 Waelder: *** 96.5 XA to add class A
 Yorktown: *** 96.3 GA: Add class A
 Zapata: *NS 93.5 6 kW, 328 ft.

KSSA

RADIO VARIEDADES

UTAH:

Anabella: K211DH90.1 NS-10w(v): KUER 90.1
 Logan: KVFX 94.5 CC (ex KVFM) "The Fox"
 Roy: KSNU107.9 CC (ex KRKR)
 Spanish Fork: KBKK106.5 FC to soft AC (SLC)
 Tooele: KMGR 92.1 FC to oldies (SLC)

VERMONT:

Brandon: WADT101.9 NO-GE
 Burlington: WVPS107.9 NC to 50 kW, 2644', GX
 Marlboro: WSSH101.5 NC to 2.6 kW, 344', GE
VIRGINIA:
 Ashland: *NS 88.1 AF
 Blackstone:WBBC 93.5 PC> 17.5 kW, 394', C3
 Bowling Green: WLMN 96.9 NO-RE
 Fancy Gap: W276BA103.1 NS-10w: WBFJ 89.3 NC
 Luray: WLCC105.7 PG< 135w, 2053 ft
 XG: 38-36-05 / 78-37-57
 Pulaski: WPSK107.1 adds Jones country (&)
 Radford: WRIQ101.7 FC to soft AC "Easy 101"
 Richmond: *NS 88.1 AF (AFA)
 Roanoke: WRDJ104.9 PC> 3.1 kW, 925 ft, C3
 XG: 37-22-23 / 79-55-40
 Strasburg: WBPP104.9 PC> 4.1 kW, 220 ft.
 Warrenton: WTOP 94.3 PC> 4 kW, 403 ft.
 Wise: WCVK 90.5 CC (NS)

XG: 38-36-05 / 78-37-57

Pulaski: WPSK107.1 adds Jones country (&)
 Radford: WRIQ101.7 FC to soft AC "Easy 101"
 Richmond: *NS 88.1 AF (AFA)
 Roanoke: WRDJ104.9 PC> 3.1 kW, 925 ft, C3
 XG: 37-22-23 / 79-55-40

Strasburg: WBPP104.9 PC> 4.1 kW, 220 ft.
 Warrenton: WTOP 94.3 PC> 4 kW, 403 ft.
 Wise: WCVK 90.5 CC (NS)

WASHINGTON:

Clarkston: *NS 88.1 AF
 Dayton: KZZM102.3 PC to 570w, 1056 ft
 XG: 46-09-04 / 117-53-48
 Ellensburg: *NS 88.9 2 kW, -472 ft.
 Ephrata: KULE 95.9 NC to 92.3 C2, RE
 Gig Harbor: K283AH104.5 NS-15w: KGHP 89.9
 Omak: KQWS 90.1 CC (NS)
 Royal City: KRCW 96.3 NC to 800w, GE
 Walla Walla: KUJ 99.1 PC 2.1 kW, 1125 ft.
 PA: from class C3 to C2
 Wilson Creek: KVFY 103.3 RA with classic rock

WEST VIRGINIA:

Huntington:WMUL 88.1 PG> 9 kW, -39 ft
 DA, class B1
 Hurricane: *NS 91.1 AF
 Hurricane: *NS 91.5 AF
 Nimitz: W244BF 96.7 NS-10w(v): WMLJ 90.5
 Parkersburg: WAUA 89.5LC
 Pt.Pleasant: *NS 88.1 3 kW, 289 ft, DA
 St.Mary's: *** 105.3 PA: add class A

WISCONSIN:

Altoona: WISM 98.1 PC to modern rock (E.Claire)
 Brookfield: WPNT106.9 CC (ex WXPT) "The Point"
 Hawthorne:*** 106.5 XA to add class A
 Mayville: WMVM98.7 NO-GX
 Milwaukee: WLUM102.1 PC< 3.8 kW, 207 ft, non-dir
 Nekoosa: WXEC 93.9 NO-GE
 Oshkosh: W239AD95.7 NS-38w: WPFF 90.5
 Racine: WEZY 92.1 FC to soft AC
 Sister Bay: *NS 89.7 3.4 kW, 538 ft.
 Wausau: WCLQ 89.5 PC> 8.5 kW, C3
 Whitewater: WKCH106.5 NW, oldies/talk // WFAW

WYOMING:

Buffalo: *NS 90.5 AF (U of Wyo)
 Casper: KQLT 103.7 NC to 100 kW, 1860', GX
 Evanston: KOTB106.1 QC from 106.3, PC> 380w, C3
 Glendo: *NS 100.1 AF
 Midwest: *NS 107.9 AF
 Newcastle: KUWN 90.5 LC
 Thermopolis: *NS101.7 AF

U.S. TERRITORIES:

PUERTO RICO:

Carolina: WAHQ107.7 NC to 12 kW, 2758 ft, RE
 Culebra: WXZX106.5 QG to 98.7, XG: 18-19-37
 65-18-21

N.MARIANNA ISLANDS:

Garapan: KRSI 97.9 dec. to 1519 ft.

VIRGIN ISLES:

Charlotte Amalie: *NS93.1 NO-RE



CANADA

ALBERTA:

Calgary: CJSI ? NS religion (freq?), PG<
 19 kW

BRITISH COLUMBIA:

Courtenay: *NS 97.3 4.7 kW wanted, English lang.
 Lower Post: *NS 98.1 3w, to be // CHON
 98.1 YT

MANITOBA:

Steinbach: *NS 96.7 50 kW, English stn wanted
 Winnipeg: CKMM103.1 FC to hot AC "Hot 103"

NEW BRUNSWICK:

Big Cove: CFTI ? PG< 50 wanted, QG to 101.1
 St. John: CHSJ 94.7 QC from AM 700 coming. The
 AM is still on, heard IDing as "Country 94"

ONTARIO:

Chapleau: *NS 100.7 130 w English stn wanted
 Killaloe: *NS 102.9 new 33 w English stn wanted
 Lindsay: CKLY 910 QG to 91.9, 14 kW

Ontario:

Neapan: *NS 97.1 50 watts app for "English/
French specialty" stn (marching bands, pop, etc.)
Niagara-on-the-Lake: *NS 90.7 1.3 w: tourist info
Orangeville: CIDC103.5 wants PG< 30.7 kW and
XG 11.2 east of Orangeville City Hall

Wawa: *NS 107.1 210 watt. English stn wanted

QUÉBEC:

Armagh: CFIN-1 103.9PG< 1.39 kW
Chicoutimi: CBJE 107.9 wants PG< 30 kW, QG 102.7
Lenoxville: CJMQ ? PG < 500 watts
Ville St-Laurent, Dorval, Point-Claire, Lachine:
*NS 89.7 0.5 watts, all four locations with
this freq and power, for bilingual Montréal airport
info, parking, and traffic information stations.

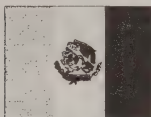
1340AM 96.3FM 93.5FM

CJLS

Yarmouth Co. Shelburne Co. Digby Co.
Nova Scotia

YUKON:

Beaver Creek: CKYN96.1 NO-CX-DE
Carcross: CKYN- 96.1 NO-CX-DE
Dawson City: CKYN- 96.1 NO-CX-DE
Dawson City: CKYN-96.9NO-CX-DE
Haines Jct: CKYN- 96.1 NO-CX-DE
Watson Lake: CKYN-96.1 NO-CX-DE
Whitehorse: CKYN- 96.1 NO-CX-DE



MÉXICO

QUINTANA ROO:

Cozumel: XH? 89.9 SG "Sol Stereo"

SONORA:

Hermosillo: XHLL 90.7 SG "La Caliente"
Hermosillo: XH? 92.3 SG "Que Buena"
Hermosillo: XHMH 93.9 SG "Z93"
Hermosillo: XHHB 94.7 SG "Radio Sonora"
Hermosillo: XH? 96.3 SG "Maxima"
Hermosillo: XH? 98.5 SG "La Comadre"
Hermosillo: XHSD100.5 SG "Stereo 100"
Hermosillo: XH? 105.1 SG "La Picuda"



PIRATE WATCH:

* Anchorage, Alaska: 10-watt "Free Radio Spenard"
(93.1) had been covering a good part of the city,
from the "Old Firehouse Cafe". After a visit from the
FCC, the station was taken off the air voluntarily by
the operators.

* Santa Barbara, Calif: "Santa Barbara's Private
Radio Station" and "KPRV" which had been operat-
ing on 102.3, has moved to 107.7. There is a CP for
a new station on that freq., KLDZ, so this could be
a problem. In fact, there may have already been an

insurance with this station, as it hasn't been noted
January 5th.

* Louisville, Kentucky: Reports in the *Courier-
Journal* indicate that a 93.9 pirate is covering most
of the eastern part of the city, with big band, Latin,
and classical music.

* Doug Smith sends info on applications for new
digital FM stations to serve Toronto. All powers
requested by all applicants are 5,084 watts. Below
is the list of frequencies (MHz), with the call letters
of the competing applicants listed:

1456.304 MHz: CHUM-AM, CHUM-FM, CFTR-
AM, CHFI-FM, CFNY-FM
1458.048 MHz: CFRB-AM, CKFM-FM, CJCL-AM
CJEZ-FM, CJRT-FM
1461.536 MHz: CJBC-AM, CJBC-FM,
CBL-AM/FM
1465.024 MHz: CISS-FM, CHIN-AM, CHIN-FM
CHOG-AM, CILQ-FM

* Thanks as usual to *M Street Journal* for providing
timely, accurate information for this column, and for
their continued assistance to WTFDA! Others who
contributed to FM News this month are: Steve
Ryan, Fernando Garcia, Chip Kelley, Keith Smith,
Ernie Wesolowski, Dennis Smith, and the partici-
pants of the Internet AMFMTVDX list run by Grove,
and Saul Chernos' "DXLIST"

* Keith Smith writes about the controversy between
WKRK Detroit and WBUZ Delta/Toledo mentioned
in a previous FM NEWS. He notes that the stations
serve separate markets, and wonders if WBUZ can
legally force the show off of WKRK. I don't think it
is a legal issue but one of "franchising". The way I
understand it, if you sign up into a franchise, the
franchisee is guaranteeing you "exclusivity" in your
area. If you open a Burger King, BK isn't going to
license one across the street from you then. WBUZ
felt that WKRK's coverage area infringes on their
coverage area, violating their franchise agreement.
That said, I agree that this is a stretch on WBUZ's
part, since the two stations serve two separate
markets. WBUZ obviously would have a better
case if Stern showed up on a 2nd Toledo station!
Keith is probably right about this, as Stern is still on
WKRK!

* Regarding the stations in Georgia mentioned a
few months ago that were mistakenly cancelled by
the FCC, the license problems have been ironed
out by the FCC and everything is back to normal for
those stations' files.

* A federal judge in Camden, New Jersey has
overturned the FCC's restrictions on casino adver-
tising. This is in addition to similar rulings from
courts in Nevada and San Francisco. A beneficiary
from the ruling, Players International, also had
claimed discrimination, because many of the cas-
inos in the area are run by Native Americans. The
rules forbid any mention of gambling at the casinos,

or the "sounds" of casinos (bells ringing, etc.). So casino ads cleverly avoided mentioning this, talking about everything else but (marquee entertainers, food, parking, etc.) I have heard similar ads here in Buffalo for the new Casino Niagara in Niagara Falls, Ontario talking about parking, entertainment, etc. "but we can't mention the real reason you want to come here" type ads. So stations licensed to NJ in the east and CA, OR, WA, AZ, MT, ID, NV, AK, HI, and Guam out west are not subject to the FCC Gaming rules.

• Another update on the 96.5 story in Asheville, N.C.. If you recall early last year, two separate stations were operating on that frequency, both feeling they had a legitimate claim to the spot. Finally, the FCC ruled in favor of Biltmore Forest (WZRQ) over Zeb Lee's Orion Communications (WZLS). Well, the D.C. Circuit of Appeals has reversed that decision, saying that the FCC "abused its discretion and acted arbitrarily and capriciously." Senator Jesse Helms (R-NC) had taken a public stance in favor of Zeb Lee, and this incident even played a role in the confirmation hearings of new FCC chairman Bill Kennard. (This was just after Helms gained national attention for his staunch opposition of William Weld to the Mexican Ambassadorship). I have heard mention of this 96.5 saga in the "mainstream" media, so this is a fairly big story. As far as we call tell, WZRQ is still on the frequency, but we'll keep you posted!



• If you have not heard CKWF 101.5 from Peterborough, Ontario recently, it is because they have been on low power for quite some time thanks to ice damage, incurred on January 1st. No word on when they will return. On January 13th, CKWF had to be evacuated because technicians noted that the tower was swaying! I am sure there are more incidences of tower damage after the series of ice storms plaguing the Northeast U.S., Ontario, and Québec.

• Fernando Garcia points out a typo in the January column: Monterey is in the state of **Nuevo Leon**, not Nuevo Laredo. The latter is just a city, in the state of Tamaulipas. I did know this so I can't explain what made me type Nuevo Laredo last month. Sorry for any confusion!

• Dan Cashin sends information about the **11th Annual Winter SWL Festival**. This year it will be held March 12-14 at the Holiday Inn, on Sumneytown Pike, in Kulpstown, PA. There are a variety of registration options:

FULL: forums, hospitality room, lunch, banquet:

\$40

PARTIAL: forums, room, but no meals \$17

SPOUSE: room and meals \$22

GRAND PRIZE: to be announced. If you register by February 12th, you have a chance to win a free SW portable. It is also requested that you bring items for a silent auction. Proceeds are donated to charity. Make checks payable to WINTER SWL FEST, at P.O. Box 591, Colmar, PA 18915, and indicate if you want roast beef or chicken, and if you want to purchase any raffle tickets (\$1 each, 6 for \$5, or 13 for \$10)

11th Annual Winter SWL Festival

March 12-14, 1998

Holiday Inn

Sumneytown Pike

Kulpstown, Pennsylvania

"Yeah, but ours
go up to eleven..."

Name _____

Address _____

City _____ E-Mail: _____

Circle: FULL PARTIAL SPOUSE (Spouse Name _____)

Banquet - Check: Roast Beef _____ Chicken _____

I wish to purchase _____ raffle tickets
(\$1 ea./ 6 for \$5/ Special 13 for \$10)

Registration Fee Enclosed: \$ _____

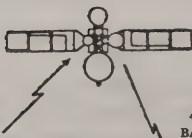
Tickets Fee Enclosed: \$ _____

Total check/money order enclosed: \$ _____

Registration cancellations after 2/28/98 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

Registration verifications can only be made if you supply an email address! Sorry if this is an inconvenience.

SATELLITE NEWS



GEORGE W JENSEN
4604 ANNTANA AVENUE
BALTIMORE MD 21206-4220

Welcome to another column. Mostly up-dates this time around. A tremendous vote of thanks to Steven Sprachman in New York for his great assistance in trying to determine all of the incredible changes in the digital areas. I couldn't do it alone - it takes more than just me to monitor all of the continuing new digital channel light-ups.

Here goes the changes:

Satcom C3 -
583 - Court TV in the open
Galaxy 9 -
750 - FLIX - West
820 - 859 - new digital music service
ANIK E2 Ku-Band - all digital changes - additions
251 - Star Choice Channel List
310 - CTV
360 - Atlantic Satellite Network
361 - CITV - Toronto
400 - TSN - The Sports Network
421 - Country Music Television - Canada
409 - The Golf Channel
451 - Life Network
454 - Showcase East
455 - Showcase West
502 - Teletoon - East
503 - Teletoon - West
511 - Family West
590 - Space Imagination Station
601 - The Movie Network 2
602 - The Movie Network 3
603 - The Movie Network 4
611 - SuperChannel
620 - Movie Pix
630 - Movie Pix
730 - T V A
731 - Canal D
732 - Canal Vie
745 - Tele Quebec
771 - Teletoon - French
781 - Le Canal De Nouvelles ???
Thanks to Steven for 99% of the above Anik items
G E Americom 1 -
606 - PBS
753 - H-TV - Hispanic Videos
754 - Outdoor Life - US
756 - Hispanic Audio Service of some sort
GALAXY 7 -
580 - Bloomberg Television
600 - Ovation - my guess, Steven
601 - Kaleidoscope
602 - ?
800 - The Box
G E Americom 3 -
PBS Ku-Band digital feeds remain on 600 - 605
G E Americom 2 -
5 - N A S A Feeds
Spacenet 3 -
13 - Daystar Television Network - Infomercials
That's all for this month - see you in 30 - "73's

FLIX
A satellite your screen up with.

S	H	O	W
C	A	S	E

WHAT THE WORLD IS WATCHING.
www.screen.com/Showcase

THE FILM AND ARTS
Bravo
NETWORK
www.bravotv.com



**U.S. Satellite
Broadcasting**

George

Improving UHF DX Results Simplified: Install An External Antenna!

UHF TV covers channels 14-69. The frequency is much higher than VHF. This higher frequency means two important things, first, the antennas will be physically smaller and second, the wire we use to bring the signal from the antenna to the set can reduce the signal level very quickly when using long runs to your set.

Let's look at the cable first. The best choice you can make is to buy a premium quality, 100% foil shielded, coaxial cable. The old "twin lead" won't do. The connectors for this cable are called "F" type, proper installation requires a "crimping tool" to insure good mechanical contact.

Transformers. Connections on your TV and antenna are standardized and either end maybe different. The two types are: 75 ohm, which accepts the "F" type connector directly from coaxial cable. The second type is 300 ohm, which has 2 screw heads spread about one inch apart. In order to maximize signal transfer from your antenna/cable/set the transition from an "F" fitting to the screw terminals (or old flat lead hook up) requires a "300:75 ohm balun transformer." These transformers will work in either direction, the antenna or set, it makes no difference. When purchasing these be sure they are rated for VHF/UHF use.

Recently we have all begun tuning in UHF stations, those TV channels that used to be vacant. The change in viewing habits has brought many of us to the back of our sets, wondering what to do next. Recommend one appropriately rated. I recommend that the selection should error on the high side, a little larger antenna is better. If your plans are to add a second television set, or if the coax length is excessive (over 75' or so) again, purchase the next larger antenna size.

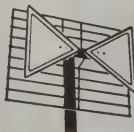
Guideline: If you are going to install your own system, I recommend you purchase the equipment from a knowledgeable local vendor. The cost of the antenna may be more than what a "discount" store would sell them for, but, the correct selection will save you money and increase your viewing pleasure.

Your new antenna will require mounting. Putting antennas in the attic (with rare exception) generally results in poor performance. Unless you must try an inside mounting scheme, I recommend you stay away from it.

Antennas placed on chimneys are going to corrode and fail at a much faster rate due to the flue gasses (this is another mounting scheme to avoid).

Outside rooftop antennas need to be mounted away from surrounding objects. The antenna height is a lot less critical than what most believe. A minimum height of the length of the longest antenna element is a good guideline. Installing the antenna high in the air is only required to overcome nearby obstacles. Once you are above nearby obstacles, there is seldom any advantage to going higher.

Lightning protection should be included in your installation. Drilling a hole in the roof and snaking the coax between the walls may be a neat visual installation, however, I've seen many walls and ceilings removed by the fire department to put out flames from a lightning strike. The safest path to your TV is to run the coax down the roof to a ground rod/lightning arrestor and then into your house at near grade level. Your local antenna dealer should be able to guide you with building codes and required equipment.



There is now a thick "putty like" tape that is on the market for weather proofing connectors. It works real well.

Installing your own antenna system can be fun and rewarding. There are a multitude of combinations to choose from when hooking up TV's, VCR's, games, switch boxes, etc. Your local library or book store should have books that go into greater detail about these special installations.

--Scott Holisky, "Transmitter Guru"

PHOTO-NEWS

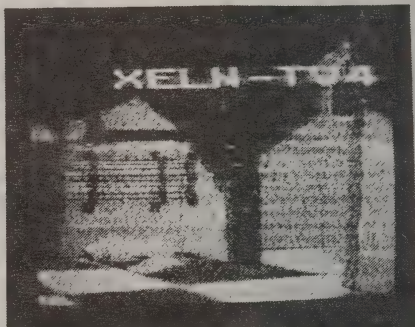
Jeff Kruszka, Editor
5024 S. Braxton Ave.
Baton Rouge, LA 70817
JTKruszka@worldnet.att.net

February 1998

Here's the last of a batch of photos from Danny Oglethorpe, Shreveport, LA. Let's start with some Mexican E-skip from last summer:



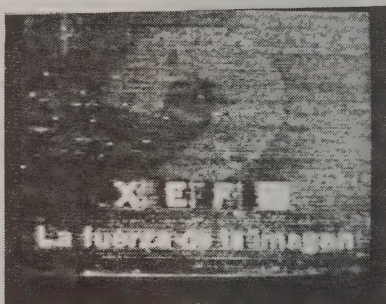
XHIT-4 Chihuahua, Chih
778 mi Es seen 6/2/97
@ 1815 CT



XELN-4 Torreon, Coah
752 mi Es seen 6/10/97
@ 1015 CT

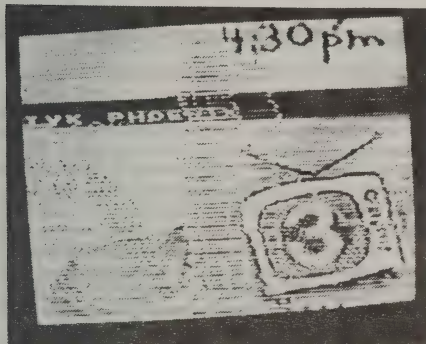


XHY-2 Merida, YUC
830 mi Es seen 6/10/97
@ 1010 CT
"New channel"

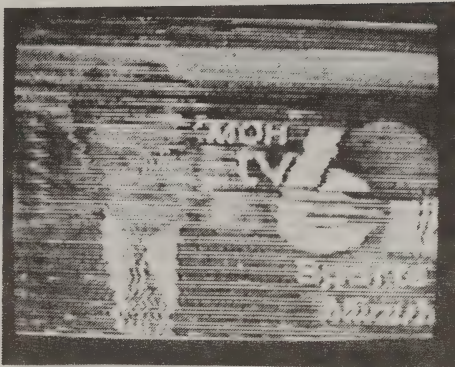


XEFB-2 Monterrey, NL
611 mi Es seen 7/15/97
@ 0905 CT
"The power of the image"

Now here's an interesting battle: Arizona vs. Shreveport, and Arizona won!



KTVK-3 Phoenix, AZ
1065 mi Es seen 7/17/97
@1045 CT
"OVER KTBS-3 for 1/2 hour!"

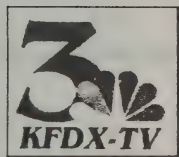
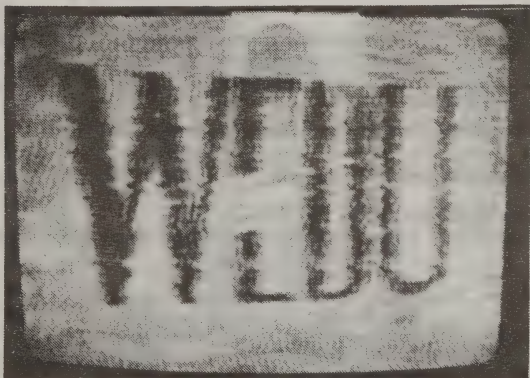


KMOH-6 Kingman, AZ
1181 mi Es seen 8/6/97
@1225 CT
"Over KTAL-6 for 1 hour!"

Here's one from me, an Es catch from last summer:

Equipment: 1992 Zenith "Sentry 2" 13" color TV, Channel Master 4228A screened 8-bay w/RDX Labs UA-900 preamp for UHF, Channel Master 1114 Crossfire w/RDX Labs UA-702 preamp for VHF, both @20 ft. AGL. DX videotaped w/Sony Handycam model CCD-TR91.

WEDU-3 Tampa, FL
550 mi Es seen 7/26/97
@1228 CT
"Short hop!"



WTVY-TV



EASTERN TV DX

Russell Miller
HC 61, Box 86B
N. Amity, ME 04471-9622

February, 1998

LOCAL TIME UNLESS OTHERWISE NOTED

Thank you for the opportunity to edit this column. I'll take a moment to tell you how I got started in this "hobby". I have lived various places in Massachusetts and never heard of or witnessed any of the propagation modes. When I moved to Amity, ME, I installed a RS VHF antenna with P.A. On the first morning, Portland VHF at 200 miles was in strong. One week later, on December 7, 1994, I saw WCBD-SC. To me, at that time, it was like seeing aliens land on my front lawn. I asked many "neighbors" if they ever had stations from far away come in on their TV's. They all said "No". Then upon seeing WTWO about one week later, I decided to find out what was causing this. I found a long time TV repairman from the area who thought I must have metal in the ground pulling in these stations. He never heard of it before. Everyone I asked looked at me like I needed my head examined. Finally, after a long wait, some

Es were in, in February. So I called a couple people from town, and sure enough, they were getting Es too. When I asked how it was they never noticed this before, they simply said that when the TV acted up, they changed the channel. Since that time, I have yet to find anyone who has lived up here all their lives and realized a distant station was coming in. During those early months, I got Emil Pocock's name from his article in QST magazine. I wrote and he explained to me what was happening and told me of the WTVFMDXA. For any of you who don't already have it, I recommend reading "Beyond Line of Sight", Edited by Emil Pocock, from the pages of QST magazine, a historical perspective. It's extremely informative.

Don't forget to send in your reports.

Editors Report

December, 1997

29 Es	1655	WJBK	2	MI	792
	1700	WDIV	4	MI	792
	1722	WTWO	2	IN	1086
	1724	WAVE	3	KY	1057
	1727	WTTV	4	IN	1018
	1751	WCBD	2	SC	1111
	1803	WUNC	4	NC	904
	1806	WCIV	4	SC	1111
	1808	WWAY	3	NC	966

30 Es	1731	CKPR	2	ON	1019
	1747	WGRZ	2	NY	581
	1757	WRAL	5	NC	897
	1800	WUNC	4	NC	904
	1800	KDKA	2	PA	718
	1801	WPSX	3	PA	628
	1814	WTAE	4	PA	718
	1821	WCYB	5	VA	982
	1959	WBRC	6	AL	1321

COMMENTS: WGRZ was seen switching from Buffalo to WGRZTV on the sync. bar. Three new ones for Es with WGRZ, WTAE, and WPSX. All three formerly seen via meteor scatter.

Doug Smith, 1385 Old Clarksville Pike, Pleasant View, TN 37146

Equipment: Sears 19" color stereo TV; Archer VU-160 for VHF; RS corner-reflector for UHF, with CM-7475 preamp.

December, 1997 DX

10 Es	1235	XET-6t	NL Monterrey, <i>Barney & Friends</i> dubbed in Spanish
		KIII-3	TX Corpus Christi, calls
		unID	Mexico-4; MUF 90.9 FM
27 Es	2059	XHBQ-3	ZA Zacatecas, XHGC-5 ID, NOTE #1
			MUF 97.3 FM
28 Es	2020	unID	Mexico-6 w/Azteca 7 ID (many possibilities)
	2128	KACB-3	TX San Angelo, two IDs, NOTE #2
			MUF 104.7 FM

NOTE #1: XHBQ is the only XHGC relay on channel 3.

NOTE #2: IDs were for KACB-3 only, no mention of KRBC-9. All my previous loggings of KACB had dual IDs for both stations.

-...-

WILLIS MONK

Box 1452 Collegedale,Tn

DECEMBER 1997

From 25 December to 2 January the TVDX was really strong into Mexico on channels 2-6. The E-skip was strong however, I was not able to ID any thing. Even at times covering the local channel 3.

-...-

ERIC VOYTKO

1721 Dalewood Place, McLean, Va 22101

EQUIPMENT:

6' screened Channel Master w/RDX UA-900 pre-amp; ICOM R-1000 and Sony KV-Ad11 TV

OCTOBER 1997

7	Tr	1030	WFXR-21	VA	200
		1100	WEMT-39	TN	370
		1157	WSBN-47	VA	330
		1200	WKPT-19	TN	320
		1259	W39AD	VA	100
8	Tr	0545	WPDE-15	SC	340
			WSFX-26	NC	340
			WHMC-23	SC	360
			WHMC-23	SC	360
			W34AX	NC	190
			W38BB	NC	240
			W59CR	NC	220
			W53BF	NC	210
			W55CA	NC	210
			W56CU	NC	220
			W57CDt	NC	
			WTTD-LP-59	VA	140
			W54BR	NC	240
			W58CD	NC	240
		0609	W59BA	NC	250
		0616	W32BA	VA	160
		0620	W34BS	NJ	140
		0642	W52BM	NC	300
		0711	WKTD-LP-69	VA	150
			W56CS	VA	150
		0715	W24OI	VA	170
		0730	WFXB-43	SC	370
		0749	W51BH	VA	120
		0759	W46BF	NC	260
		0834	W45BG	VA	150
		0930	WJCB-49	VA	150

11	Tr	0700	WXIN-59	IN	490
		0729	WLEX-18	KY	400
		0730	WKYT-27	KY	400
		0800	WHMB-40	IN	490
		0913	WLFI-18	IN	510
		1015	WNDY-23	IN	480
12	Tr	0712	WWHO-53	OH	330
		0748	WOSU-34	OH	330
		0800	WLEX-18	KY	400
		0818	WSTR-64	OH	400
		0900	WXIX-19	KY	400
		0959	WCET-48	OH	400
		1030	WHIZ-18	OH	280

COMMENTS:

11 & 12 October brought more good mid-west tropo, and the last good DX of the month. 8th October was a translator day, probably the most LP stations logged in a single morning.

BOB SEYBOLD

1865 W. Noin Rd., Silver Creek, NY 14135

Fall tropo is about over and cold wx is setting in here which generally means down period for DX. About all to expect would be some E-skip around holiday season but not much else. Mid-sept into October brought good tropo, including openings already reported to you.

OCTOBER 7th

Morning before 0830 WMCU-14; WUCM-19 Michigan; Muskogean-54; Cadillac-33; also Saginaw, Lansing, Battle creek UHF's

OCTOBER 10

Evening Indy 23,40,59; Dayton-45; Cloumbus-53, these in early evening, then later into morning of the 12th- a massive opening peaking after midnight and continuing into the morning till 0830. Chicago-32,38, 44; Rockford-23, 39; Angola-63; South Bend; Ft. Wayne; waest and central Michigan; nearly all of Wisconsin-Milwaukee-58, 18, 36; Madison Us; W33AX, WEUX-48; WQOW-18; Green Bay,etc. Some of these signals were excellent & lasting hours.

...continued on page 31 →

WESTERN TV-DX

February 1998

Victor Frank

12450 Skyline Blvd.

Woodside, CA 94062-4541

email frank@sneezy.srl.com

(650)851-7031

Dennis Park Smith, 3703 Dixon Street, Santa Barbara, CA 93105-2419 (805) 687-7803

This report is for December 1997. As usual in the winter season, there was only a little tropo DX on the southern California coast on TV & FM to San Diego/Tijuana, up to 200 miles. Weather was largely stormy and unsettled, with only occasional somewhat stable air boundary for slight tropo ducting.

Following are conditions by date (PST) (all on indoor rabbit ears).

Dec. 1-12: No tropo
Dec. 13: Tropo morning, poor; night, fair.
Dec 14-15: No tropo
Dec 16: Tropo fair. Possible Es this date: 1710, visual zero-beat on local KYET-3 (indic. as minus offset) for approx. 2 minutes; other low-band TV channels showed no DX signals.
Dec. 17: Tropo poor.
Dec. 18-29: No tropo
Dec. 30: Tropo poor, UHF only.
Dec. 31: Tropo fair.

There was no storm activity approx. Dec. 7-13, but along the coast, even with still stable air, there was no boundary layering (except for a little at the end of that period of time), perhaps because of overall cold dry-air conditions. At the same time, however, there was winter fog in the California Central Valley (combined Sacramento/San Joaquin Valleys) as heard on weather reports, so there may have been some tropo there, which can occur in that CA region in winter between storms. There was also no storm activity approx. Dec. 22-31 with still air but no apparent boundary layering along the coast (except for a little at the end of Dec.). Reports again noted some Central Valley fog. A weather from was expected to come through on Jan. 1-2, probably stirring air and ending any tropo once again. Best of DX to All. Dennis

William Eckberg, 1032 Sterling Rd., Dixon, IL 61021

November 1997	CST
26 Es 1915 KASA 2 NM	972
1925 KNAZ 2 AZ	1258

December 1997	CST
01 tr 0645 KXNE 19 NE	402
KYNE 29 NE	464
0700 WUXP 30 TN	408

0720 KHOG 29 AR	463
0730 KHBS 40 AR	513
0800 WAFF 48 AL	503
1325 WBMG 42 AL	582
WCFT 33 AL	593
1645 WAAY 31 AL	503
1700 WHNT 19 AL	503
1710 WZDX 54 AL	503
1730 WTLK 14 GA	562
1800 WTCI 45 TN	512
WEVU 69 GA	610
1815 WJSU 40 AL	585
1858 WLFG 68 VA	487
02 tr 0005 WJSU 40 AL	585
WCFT 33 AL	593
0120 WYMT 57 KY	449
0125 WKPT 19 TN	508
0130 WUXP 30 TN	408
0145 WDSI 61 TN Chatanooga	512
0200 WAFF 48 AL	503
0255 WBMG 42 AL	582
0305 WABM 68 AL	582
0330 WHIQ 25 AL	503
0345 WOWL 15 AL	483
0355 WMAW 14 MS	645
0500 WAAY 31 AL	503
KSAX 42 MN	404
12 tr 0035 KSAX 42 MN	404
14 tr 2340 KSAX 42 MN	404
15 tr 0010 WNEO 45 OH	426
0100 WOAC 67 OH	417
0105 WOIO 19 OH	401
0235 WNPA 19 PA	517
0315 WEAQ 49 OH	404
0335 WBNX 55 OH	404
0400 WAKC 23 OH	404
0455 CHWI 16 ON Wheatley?	354
1150 KSAX 42 MN	404
20 tr 1135 KSAX 42 MN	404
21 tr 0630 KLKE 24 NE	435
0650 KHNE 29 NE	464
KXNE 19 NE	402
1115 KSAX 42 MN	404
1130 KVRN 15 ND	498
23 tr 0610 KSAX 42 MN	404
2100 KDSD 16 SD	509
24 tr 0020 KSAX 42 MN	404

January 1998	CST
01 Es 1730 KNAZ 2 AZ	1258
1740 KTVK 3 AZ	1348
1800 KPHO 5 AZ	1348

December was easily my best DX month of 1997. Es to AZ & NM noted on November 26. Saw

Western TV DX *W. Eckberg's report continues*

an unidentified Mexican on December 24 1930-2100 on ch. 2. Es briefly to AZ New Years day.

Widespread tropo to 650 mi on December 1 & 2 lasting 22 hours. Starting in NE and AR and moving to MS and GA. I believe I was into SC & southern AL briefly late in the opening. Tuscaloosa 33 & Anniston 40 were in for hours. They ID 33/40. Never saw a call. I rarely saw them before. Antenna heading put both nearly on Birmingham. Actual QTHs are not close. Got a Birmingham TV Guide and studied the Cable & TV Factbook. Stations have a local marketing agreement. WCFT-33 will be 4355 kW and is moving to 20.5 mi NNE of Tuscaloosa and > 964' high. WJSU-40 will be 5000 kW and is moving 27.3 mi SW of Ahneston to Flagpole Mountain. They would both be closer to Birmingham. These changes must now be a fact.

December 15 saw 5 hours of tropo over 500 miles centered on Akron. 0455 to 0500 sign-on Monday morning. Saw a tape crossing the screen with 2 or more Canadian calls I was watching them through South Bend 16. Offsets were the same. I made out the C prefixes. Wheatley, ON 16 is the likely source. Barrie, ON 16 is possible. Do Wheatley and South Bend have the same offsets? Does Wheatley run parallel with other stations? Do they run an ID tape across the screen with multiple IDs before sign on? I need help here.

Strong tropo lasted 17 hours on December 21. Started in MO, then NE educational in the AM and into ND by midnight. Even 17 kW NETV ch. 33 xltr at Pawnee City was snowfree. Never saw tropo to the north in mid winter before. Went thru closer Madison 15 and Austin 15 to log snowfree Fargo 15.

This logging would have been impossible before installing my hi-input amp and screening my dish. CM 7' dishes have very deep nulls about 20° either side of center. There seem to be two more either side of the rear. Screening makes them even deeper. With locals the nulls appear as phase shifts and are of little use. Madison 15--19 mi is in a null. I went over Austin 15--220 mi--to get Fargo 15--498 mi. Presented a logical explanation. hi. This skipping over phenomena is more common as the closer station moves beyond 200 miles and is lower in power than the target station. Also unusual atmospheric must put a blanket over the closer stations sometimes.

Danny Oglethorpe, P.O. Box 6688, Shreveport, LA 71136-6688

December 1997		UTC
4 Es 0005 unID	2 Mexico	
6 Es 1740 unIDs	2 NE	
2245 WESH	2 FL	789

2255 WPBT	2 FL	939
2313 WFOR	4 FL	939
8 Es 2133 unIDs	2 US & Mexico	
9 tr 1330 Biloxi	13,19	319
1340 Valley	7,9,17,23,44,48,60	
1355 XHVT	54 TAM XHGC-5	503
1405 KVCT	19 TX	314
1407 XHSFT	25 TAM XEW//XERV-9	587
1410 Valley	4,5	
1435 XHOR	14 TAM TV Azteca; over KETH	503
1450 XHMTA	11 TAM TV Azteca; over KHOU	503
1635 KGNS	8 TX	481
	KENS 4 TX	347
Es 1710 unIDs	2,4 XEW, others	
	XHY 2 YUC	830
	XHMEMT 4 YUC XHGC-5	
1735 unID	6 XHGC-5; floating	
	unIDs 5	
1747 WPBT	2 FL	939
1840 XHG	4 JAL	1003
	XEWot 2 XEW	
	unID 4 TV7 in bar	
1859 XHIT	4 CHIH	778
1920 WDTN	2 OH	735
1940 WGRZ	2 NY ID in bar	1091
1950 WJBK	2 MI	904
2028 KDKA	2 PA	945
2045 WMAR	2 MD	1072
	WRC 4 DC	1042
2104 WESH	2 FL	789
2135 WPBT	2 FL	939
2145 WFOR	4 FL	939
	WPTV 5 FL	912
2205 WTVJ	6 FL News floating	939
2228 unID	2 Spanish; south	
	KUTV 2 UT	1160
2230 unIDs	2,4,5 Mexico and US	
2245 WBKP	5 MI "Community Calendar"	931
2250 Cuba	5 unID bars; Sign-on	2300
2305 KNAZ	2 AZ	1045
2333 KCWC	4 WY	1071
2355 unID	2 Canada	
	KTVX 4 UT	1160
10 Es 0000 KGAN	2 IA	672
	WTOM 4 MI 7&4	1042
0010 WBBM	2 IL	737
0045 KTWQ	2 WY	996
tr 0510 unID	26 3ABN; east	
Es 1530 WUND	2 NC UNC	1031
1620 WCB	2 SC	805
1659 WMAR	2 MD	1072
1701 WJBK	2 MI	904
1708 WSB	2 GA News	551
1717 WGRZ	2 NY	1091
1828 unIDs	2,4,5 US and Mexico	
2015 XHIT	4 CHIH	778
2128 KVOA	4 AZ	1004
2135 KDBC	4 TX CBS	
	KPHOI 5 AZ CBS//4	
2259 KNAZ	2 AZ	1045
2315 KVVU	5 NV	1238
11 Es 0100 WUND	2 NC	1031
	WUNC 4 NC UNC//WUND	875
0115 WBAY	2 WI	892
0118 WRC	4 DC	1042
0120 KGAN	2 IA	672
2015 WCB	2 SC	805
2135 WESH	2 FL	789

Western TV DX *Danny Ogleshorpe continues*

2255	WUND	2 NC	1031
2350	WPBT	2 FL	939
	WFOR	4 FL	939
	WPTV	5 FL	912
12 Es 0015	Cuba	2,4,5 Baseball	
	0045	unID	2 XEW
13 Es 2050	unIDs	2,4,5 Teletón on Televisa	
	2103	Cuba	2 ICRT test pattern
	2140	WESH	2 FL 789
	2208	WPBT	2 FL Pledge Drive 939

New K15EG came on the air with NET programs on December 9th. They went off a few hours later and continue to be off.

14 Es 1845	unIDs	2,4,5 Spanish	
	1850	YSR	2 El Salvador "Tele Dos" 1324
	1910	TGCEt	5 Guatemala
	1920	YSU	4 El Salvador Note #1 1324
15 Es 2258	unIDs	2,4,5 Mexico, weak	
16 Es 2305	XEWot	2 AGS/JAL XEW	
	2330	XHG	4 COL TV7; XHG still in other unIDs
18 Es 1635	WESH	2 FL	789
	1720	unIDs	2 Mexico
25 Es 0025	KTWO	2 WY	996
	0030	KCWC	4 WY 1071
		KGWN	5 WY "CBS5" 859
	0036	KGWL	5 WY KGWC-14 Nx 1071
	0050	KCNC	4 CO 806
		KWGN	2 CO New Logo 806
	0135	KTVX	4 UT 1160
	0140	KUTV	2 UT 1160
26 Es 1945	unIDs	2,4,5 Canal 13, XEW, TV7	
	2029	XEWot	2 AGS/JAL
			Ad for circus in Guadalajara
		XHG	4 JAL 1003
27 Es 0120	WPBT	2 FL	939
	WFOR	4 FL	939
28 Es 0030	unIDs	2,4 Spanish	
	0035	WFOR	4 FL 939
	0103	WPBT	2 FL 939
	0120	WJBK	2 MI 904
	0240	XEFB	2 NL Rodeo 611
		XHWXt	4
	0330	XEFBt	2 TAM Nuevo Laredo Ad
	1750	Cuba	2,5 Tele Rebelde
	1825	WPBT	2 FL 939
	1835	Cuba	4 //2
	1902	WFOR	4 FL 939
	2110	KVOA	4 AZ 1004
		unID	2 Mexico
	2125	unID	5 TV Azteca
	2140	WESH	2 FL 789
	2208	WUND	2 NC 1031
	2210	WUNC	4 NC UNC/WUND 875
			Channel 2 now too packed to work
	2229	WCYB	5 VA 721
	2240	WRC	4 DC DC Nx 2300 1042
	2248	WTAE	4 PA 945
	2255	WTTG	5 DC 1042
	2305	WDTN	2 OH 735
	2310	WJAC	6 PA News floating 991
	2350	WJBK	2 MI 904
			Many unIDs from Great Lakes and East

29 Es 0012	XEWot	2 XEW	
	XHG	4 JAL	1003
	unID	5 Mexico	
	0020	unID	2 Canal 13
0035	XHI	2 SO	1026
			US still strong on 2,4,5
	0140	WRAL	5 NC 896
	0210	unID	2 XHQ-3 relay
	0225	KNAZ	2 AZ 1045
	2010	unIDs	2,4 XEW, TV Azteca, XHGC-5
	2210	XHTV	4 DF Note #2 958
		XEWt	2 DF
	2230	XHG	4 JAL 1003
	2240	unID	5 5 logo; Dr. Quinn in SS
	2259	XHJCM	4 AGS/JAL
			ID supered at top; Canal 13
	2330		Channels 2,3,4,5,6 packed
30 Es 2015	unIDs	2,4,5 XEW, others	
	2125	XHG	4 JAL 1003
		unID	5 5 logo; Hercules in SS
31 Es 0235	CKND2	2 MB	1279
	2035	XEWot	2 AGS/JAL Jalisco ads
		XHG	4 JAL 1003
		unIDs	5
	2050	XHATU	5 JAL 1000
		XHNClit	4 COL TV7
		unID	5 Note #3
	2325	XHTV	4 DF 958
		XEWt	2 DF
		XHGCt	5 DF
		unIDs	6 TV7, Canal 13 floating

January 1998			UTC
01 Es 0005	KNAZ	2 AZ	1045
			Many Mexican unIDs
	2335	KUTV	2 UT 1160
		KTVX	4 UT 1160
		KSL	5 UT 1160
	2345	unID	6 Floating
	2350	KASA	2 NM 753
		KCNC	4 CO 806
02 Es 0020	unIDs	2,4 Mexico	
	0050	KVOA	4 AZ Nx 0100 1004
	0059	KPHO	5 AZ Nx 0100 1065
		KNME	5 NM 764
	0115	KOB	4 NM News 764
	0140	KVVU	5 NV 1238
tr 0245	WLOX	13 MS	319
	0345	WPMI	15 AL 355
		WMAH	19 MS 319
		WXXV	25 MS 309
	0405	WKRG	5 AL 355
	0440	WTVA	9 MS 319
	0508	WMPV	21 AL TBN 355
	0520	WTOK	11 MS 296
	0710	WMAW	14 MS over KARD 296
03 Es 0055			Channels 2,4 packed; 5 weaker
	0100	XHG	4 JAL Music program 1003
		XHTV	4 DF "Ready or Note" 958
		unIDs	5 XHGC-5, XEW
	2115	unIDs	2,4,5 Mexico
	2120	KNAZ	2 AZ 1045

Notes

1--Channel 4 from San Salvador was carrying a football game from TV Azteca (logo supered). The broadcast was originating from NBC in the US (graphics still intact, but Spanish language commenta-

Western TV DX *D. Oglethorpe concludes*

tors). YSU did not carry the commercials from TV Azteca; rather, they inserted their own ads, etc.

2--XHTV-4 now uses the slogans, "Central 4" and "C4." XHTV calls are still used on some IDs and promos, along with the slogans. "XHTV Canal 4" and "Central 4" are also written in the sync bar.

3--This channel 5 from Jalisco runs many non-network programs and a local newscast at 3PM CT on weekdays. The newscast is "Antena Cinco." Station logo is a big five.

Comments:

A good December for Es. In spite of tropo being on hiatus during most of 1997, the year was pretty good here. Several more Mexican stations were taped and photographed, so I'm satisfied.

Frank Aden, Jr., N7SOK, 4096 Marcia Place, Boise, ID 83704

Same equipment as before.

December, 1997

MST

Dec. 22 MS, no bursts seen! Nov. 17th was incredible for MS, almost constant bursts, looked like Es but not a single ID. Too much CCI.

Major Es opening for Christmas! From 7 PM to about 10 PM. Ch. 3 KYTV MO and a TELEVISIA station running EXPLORADO. Was getting AZ on ten, so suspect N. Mexico.

January 1998

Finally got some IDs on today's Es. (January 1) Ch. 3 KOET OK at 8 PM and ch. 3 KENW ch. 3 NM at 10 PM. It looks like it has died out as of 11 PM local.

(January 11, 1845 MST) Have Es in progress, MUF up to ch. 4. It has been in for about an hour and a half. No IDs yet, but suspect OK, NM & TX.

Jeff Kruszka, 5024 S. Braxton Ave., Baton Rouge, LA 70817

November 1997

CST

20 tr 2043 KXAM 14 TX "News 36" ID 445
23 tr 2012 WJSU 40 AL "ABC 40" 385
2024 WXTX 54 GA Eagle 102.3,
Kissin 99.3 ads 360
24 tr 2309 K66FI 66 LA TBN - see Note 1 55

December 1997

8 Es 1830 unid 5 SS
1832 KDBCt 4 TX CBS news
tr 2025 KEDT 16 TX ID 425
9 Es 1854 WJMN 3 MI Packers info,

920 area code 1075

1930 KSWK 3 KS Great Bend Kiwanis ment. 760

2030 KLNE 3 NE NE Public TV ID 860

10 Es 1713 unid 3

11 Es 1800 unid 3 and 5

13 Es 1631 KSWK 3 KS Elmo Christmas 760

16 Es 1740 XHG 4 JAL recognized logo
from my column! 1020

27 Es 1904 KCNCt 4 CO

1912 KOAA 5 CO "5/30" ID 940

1916 KOB 4 NM local nx, wx 955

1942 KENW 3 NM matched pgm in TV Guide 760

1955 KDBC 4 TX 910

2027 KACB 3 TX Abilene ad, NBC- short hop! 555

28 Es 1227 unid 3 SS

1457 KTVK 3 AZ "KTVK Phoenix" in sync bar 1245

1650 WUNC 4 NC "UNC TV" ID 790

1659 WRAL 5 NC ID, into local nx 810

1729 WTKR 3 VA ID 960

1739 WFRV 5 WI CBS, 5 logo, Green Bay ment. 985

1748 WTMJ 4 WI logo, local nx 885

1757 WISC 3 WI ID 875

1806 XHNCT 4 COL TV Azteca 7 ID, right direction

1815 XHG 4 JAL ID 1020

1911 KIMTt 3 IA Iowa basketball

1915 KGANt 2 IA Iowa basketball // 3, floater

1953 unid 6 ABC!

2057 KOAA 5 CO ID 940

29 Es 1723 XHG 4 JAL ID - becoming a pest, hi! 1020

1730 unid 5 XHGC

2025 unid 4, 5 XEW

30 Es 1500 unid 7 on 4 TV Azteca

1619 unid 4, 5 XEW

31 Es 1553 unid 3, 5 SS

1621 XHG 4 JAL ID 1020

Note 1 - Finally got this one! They must be flea--powered; they were extremely weak, even with other Lafayette-area LPTVs booming in.

Wow - eleven days of E-skip in December! Makes up for the lack of tropo. I've ordered some Channel Master FM band rejection filters to hopefully eliminate a problem with FM bleedover on channel 6. 73's.

Pat Dyer, WA5IYX, 5315 Silvertip Drive, San Antonio, TX 78228-2744 pjdyer3@juno.com

Equipment:

NEW JVC HR-J400U VCR, Winegard CA-5254 VHF at 18' AGL; Antennacraft Y5-2 5 element channel 2 Yagi at 11' AGL; Antennacraft P-5 chicken-wired dish at 25' AGL (to feedpoint). All on rotors and RG-6.

Editor's note: I have abstracted the following from Pat Dyer's postings on the Internet of his TV/FM/and radio amateur observations. I have done so in the belief in the importance of "up-to-date" news as opposed to well-digested old news. I am sure that Pat has recorded enough tapes from this series of openings to keep him busy for weeks if not months. I, and (I am sure) you

Western TV DX *Pat Dyer's report continues*

readers will welcome additions and any corrections after his further analysis. My sincere apologies if—in my haste to get into print—I have stepped on anyone's toes {The Southern FM DX editor, for instance, will probably have to wait another month for Pat's report.}.

December 1997 UTC
13 Es 2225 WPBT 2 FL Miami
2234 WWAY 3 NC Wilmington
The TV Es lingered here until around 0130Z
Dec 16-17 2220-0025 Mexico (and maybe some
Central American) Es with MUFs thru 105.7 MHz.
Ch. 2 was in well until after 0130Z
18 Es 1718 WBTW 3 NC Charlotte
1729 WAVE 3 KY Louisville (xmtr in IN)
1729 WDTN 2 OH Dayton
1759 KTVI 2 MO St. Louis
1800 WCIA 3 IL Champaign

A short-lived but intense midday Es event, with the MUF to at least 92.5, but with the masking by some enhanced tropo it might have been a bit higher. (Our recent high temps have been in the 70s F though near freezing at night.)

More intense Es events continue to make the last month of 1997 a lot better in comparison to what the poor summer season here had been.

27 Es 2356 WEDU 3 FL Tampa
28 Es 0221 WSB 2 GA Atlanta
0225 WLBT 3 MS Jackson
0409 WRCB 3 TN Chattanooga
2045 WSLK 2 TN Sneedville
2157 WSB 2 GA Atlanta

WLBT is about as short as any Ch 3 Es noted here gets. Traces of Ch 2 Es in until approx 0450Z, after which tropo effects took over (even at 30° F!)

Due to the magnitude of the Dec 29-Jan 4 Es events, the following is in short summary form:

December 29-30:
2210Z first TV Es noted to SW
2250Z Es MUF on rapid rise thru Ch 4
2350-0450 On FM to Mexico/S. CA
0540Z last of Ch 2 & 3 still into N Mexico

During this event our local Ch 4 & 5 (@ 25 mi SE) signals here were all but obliterated for a few hours, with all sorts of the Azteca Net "IDs" visible in their VBIs as they drifted (or sometimes locked!) across the screen.
In nearly 40 years at the TV (and 25+ at the FM) this had to rank as perhaps the most intense and protracted Es event noted from here into Mexico--and this was a winter-season creation.

December 30-31:
2235Z-0115Z FM Es to west

December 31-January 1:
1910Z Ch 2 Es into Mexico
2030Z Ch 3 & 4 in
2100Z Ch 5 into Mexico
2135-0140Z FM Es to Mexico & CA
0230Z TV Es fades out

January 1-2:
2345Z TV Es rapidly thru Chs 2-4 NOT Mexico
0000Z Es into FM band (SD,WY,CO,UT) til 0235Z
0300Z Ch 3 out
0330Z Last of Ch. 2

January 2-3:
2350Z Es MUF thru Ch 4
2355Z Es into FM Band FL to 0100Z
0215Z TV Es fadeout to SW.

January 3-4:
2123Z Ch 3 Es to Phoenix, AZ (ID in VBI)
2128Z Es thru Ch 4; Ch 2 Mexico (likely northern)
2145Z-2200Z FM Es to S CA & NV
0010Z TV Es fadeout

January 8-9
1810Z Ch 2-4 Es into Mexico
1945Z Es MUFs into FM: San Diego, CA Tijuana-
Mexicali, BCN areas
1950Z Ch 2 Santa Fe, NM
0350Z more unID Ch 2 Es to NE until after 0410Z

January 10-11
1805Z Ch 2 likely El Salvador (FWIW, my first logging of them was Jan 8, 1966.)
1817Z Ch 3 Guatemala City
1925Z TV about gone, though traces to >2000Z.
0005Z More TV Es, maybe Los Angeles Ch 2
0256Z-0356Z VERY little co-channel QRM showing on Ch2 or 3 while FM stations from Southern Utah & N Az were solid.

January 11-12
2220Z Ch 2 Es with rapidly rising MUFs (FM into S. Utah/NM, 144 MHz radio amateur to AZ)
0450 Like fadeout of TV Es to West.

Mike Cherry, VE7SKA, Box 631 Ganges PO, Salt

Spring Is. BC V8K 2W2 CANADA

December 1997 UTC
25 Es 0223 KASA 2 NM 140°
31 Es 0259 KLNE 3 NE 110°
0300 KNOP 2 NE 110°

January 1998
01 Es 0056 KLBV 4 KS 120°
0100 KSWK 3 KS 120°

Western TV DX

Fernando Garcia, San Salvador 415, Rincon de la Sierra, Cd Guadalupe, NL, 67181 MEXICO

Equipment:

Sony KV-27EXR15, Screened CM 7'dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHF array 60'.

1800' ASL, No re-logs in the same month, only tropo 500+ miles.

December 4, 1997 CST
2145 K67HC 67 TX McAllen 158
(956)428-4848 Rel. EE area program, SS at 10 PM, they comment this station sign on for the first time at 9 PM.

December 8, 1997
0615 KETK 56 TX Jacksonville
weak, stay only 2 minutes 532
1845 K69HD 69 LA Church Point
KLAF on screen, bt. right in blue 586
K56DR 56 LA Baton Rouge TBN // KLUJ-44 633
K66FI 66 LA Opelousas TBN as above 599
KLAF-LP62 LA Opelousas /ch 69, UPN 600
K55HA 55 LA New Iberia /ch 62, 69, UPN 596
1900 K46DG 46 LA Lafayette // chs 55, 62, 69,
area advs. 587

WLPB 27 LA Baton Rouge\$, LPB 638
KLTL 18 LA Lake Charles// ch 27 548
KLPB 24 LA Lafayette// chs 18, 27 567
KADN 15 LA Lafayette\$, FOX, blasting in 586
KVHP 29 LA Lake Charles 530
1915 WVLA 33 LA Baton RougeNBC // KVEO-23 633
K21DM 21 LA Lafayette VJN, \$ one hour later 592
K49DE 49 LA New Iberia TBN // chs 56, 66 596
WXXV 25 MS Gulfport FOX 764
1930 WMAH 19 MS Biloxi\$, MS educ 770
WGMB 44 LA Baton Rougeover strong KLUJ 633
2000 WLAE 32 LA New Orleans calls on screen 694
WNOL 38 LA New Orleans 694
2030 WAFB 9 LA Baton Rouge calls //

KGBT-4, over XERV 638
KWBj-LP 39 LA Morgan City over/under KHTV 618
WMAU 17 MS Bude splashing strong XHFOX 697
2045 WUPL 54 LA Slidell\$ 705
2115 W36AC 36 MS McComb TBN 710
2145 KLAX 31 LA Alexandria ABC, calls 618
KRIV- 26 Barometer 29.75R, humidity 96%
2215 K51EC 51 LA Lake Charles TBN 532
2230 WGNO 26 LA New Orleans ABC, calls, over KRIV 694
went to sleep

December 9, 1997

0115 Back to DX
WAPT 16 MS Jackson\$,
timer and temp bt right 55° 754
south and central LA continues in
0130 WDBD 40 MS Jackson 754
WNTZ 48 MS Natchez 670

0145 ne Texas

0200 Back to sleep again

0500 WMAW 14 MS Meridian// chs. 17, 19 807
WIIQ 41 AL Demopolis SAP dif MAIN, snow free 877
WGBC 30 MS Meridian starts,

previous black screen 834
W63BK 63 MS Meridian TBN, weak 834
KFXX 51 TX Longview 557
W58BO 58 MS Natchez TBN 670

0515 W47BP 47 MS Hattiesburg//WMAH-
119, u/o K47DF 766
WHOA 32 AL Montgomery ABC, over WLAE 928

0530 WAFB- 9 reporting dense fog 61°
KATC 3 LA Lafayette News,
WX (dense fog) 566

mostly audio, over strong Kili Corpus Christi
WTOK 11 MS Meridian Rel. 834

0545 WMDN 24 MS Meridian Real TV over KLPB 834

0615 WCCL 49 LA New Orleans HSN under KTFH 688
WAPT- 16 is using slogan on local news:

Stories that hit home
0700 WEIQ 42 AL Mobile SAP dif MAIN 825

WHNO 20 LA New Orleans CBS News 688
KLPA 25 LA Alexandria LPB // KLPB-24 619

W45AA 45 MS Columbia//WMAH-19,
o/u KXLN 739

0715 KARD 14 LA West Monroe\$, FOX 659
K59DG 59 LA New Orleans TBN

WPMI 15 AL Mobile NBC // WGBC-30 838
0730 had to leave for work. P. Dyer told me

opening stay until mid morning, a dry air from west
kill all DX signals.

December 16, 1997

0400-0700 Southwest Louisiana

December 22, 1997

0130 Strong New Orleans uhf's
K14IE 14 LA La Gretna HSS, rare 688

0200 Opening extends to coastal MS, AL and...
WPAN 53 FL Fort Walton Beach VCC 869

WHBR 33 FL Pensacola loc.
XHCNL-34 out (rare) 838

0215 sleeping again

0530 dead conditions

This month of December was the worst of the year. My average of 1000+ miles DX for 1993-1996 for a month of December is four days. Dec. 1997 tropo openings didn't reach 1000+ miles. 1997 was the worst year since 1993.

73s Fernando

More 50 MHz Intercontinental DX

Just as 1998 was being ushered in over Europe, on the other side of the earth 6 meters (50 MHz) was hopping. Widespread Sporadic-E was present in both northern and hemispheres. By some circumstance of propagation, probably involving the subtropical F2 layer, New Zealand was linked to the Southern United States, and on a second night with a station in South Dakota. A taste of things to come! Will you be ready for Ch 0 and 1 TV DX in the coming years?


Southern FM DX

John Zondio
4009 Driftwood Circle
Yukon, OK 73099
E-mail: Jpzondio@aol.com
Deadline: 10th

February 1998

For DXers in AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA,
MD, MS, NC, NV, OK, SC, TN, TX, UT, WV and Mexico

 Doug Smith - W9WI
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
72777.3143@compuserve.com CST

 Fernando Garcia
San Salvador 415 Rincon de la Sierra
Ciudad Guadalupe, NL, 67181, Mexico
fertrtdv@sdm.net.mx CST

Technics ST-G50 tuner, big Radio Shack VHF-TV antenna at 15'

The December 28 Es opening was much better than the scant IDs would indicate. Sundays are tough for DX, with many stations airing syndicated music countdowns.

12/10 Es
1235 unID ?? ?? Mexicans to 90.9, XET Monterrey in on channel 6

12/27 Gw
1500 pirate 97.3 TN Nashville, underground r in stereo, no announcements. Not heard same time 12/28

12/27 Es
2004 unID 91.7 ?? ??, "91X" ID in SS, EE classic r
2032 unID 97.3 ?? ??, "FM 97.3 El Lobo" in SS, soft AC

2032 unID 93.5 ?? ??, SS hard rock
12/28 Es
2000 WMCU 89.7 FL Miami, legal ID w/W270AD 101.9 844

2007 unID 99.9 ?? ??, SS MoR, brief rel talk & ad for Bacardi rum stressing temperance

2007 unID 100.7 ?? SS AC, mx badly distorted & mixed with hum, announcer audio clear but weak, mx by "Los Mismos"

2010 KKIK 104.3 TX Temple, traffic emergency for Austin, Round Rock & Temple 711

2025 KQXT 101.9 TX San Antonio, local ads on Loop 410 and I-10 818

2028 unID 99.9 ?? ??, slogan "Ayer y Hoy, Cristal," EE light soul, could be same as 2007 unID

2032 KAJA 97.3 TX San Antonio, "100,000 watts, KJ-97" 823

2059 XHSA 91.9 ?? ??, ID as "XHSA 91.9 Super FM" (#1)

2100 KTSW 89.9 TX San Marcos, call IDs in promo 790

#1- No XHSA on this frequency in the FM Atlas. There's a XHSS 91.9 in San Luis Potosi, but the last letter sure sounded like "A" to me. Numerous other SS unIDs in this opening.

73, Doug

Pioneer KE2700QR car stereo

11/26 Tr
0730 KDCD 92.9 TX San Angelo, "92.9 CD-Country"
12/8 Tr
1840 unID 92.9 LA? ??, blasting in in FF, KJEF Jennings LA?
1845 KTBT 93.7 LA New Iberia, "The Beat"

Above were logged driving back home. When I arrived I dedicated time to TV.

12/10 Es
1325 WIBI 91.1 IL Carlinville, calls, wx
1330 KGRC 92.9 MO Hannibal, calls, wx, "Power 93"
1340 WHRZ 97.7 KY Providence, calls, k
1347 WQXQ 101.9 KY Central City, "Q102," mention of Madisonville
1348 WBHK 98.7 AL Warrior
1349 WSTO 96.1 KY Owensboro, "STO"
1355 WYNU 92.3 TN Milan, calls, "Power 92"
1400 KWFC 89.1 MO Springfield
1401 KBLA 91.3 MO Columbia, calls, U of Missouri
1535 KRAI 93.7 CO Craig, calls
1540 KRDO 95.1 CO Grand Junction, area ads, k
1552 KXPX 96.5 CO Evergreen, "Denver's Pick," r
1553 KEKB 99.9 CO Fruita, calls
1600 KVER 90.1 UT Salt Lake City, legal ID
1603 KPRN 89.5 CO Grand Junction, CO Public Radio, wx
1618 KJYE 92.3 CO Grand Junction, "Light FM"

12/13 Es
1730 YS 89.3 El Salvador ??, corporacion YSKM
1734 YS 88.9 El Salvador ??, colonos, Soyapango

12/16 Es
1840 XHSJS 96.3 BCS Los Cabos, ads, Cabomil, rare path here
1850 XHEO 92.9 YU Merida, nx
1855 XHNRI 93.7 YU Merida, area ads

12/27 Es
1831 WJCL 96.5 GA Savannah, EST, "Kicks 96 and a half, hot country"
1837 WKCL 91.5 SC Ladson, calls
1845 WCOS 97.5 SC Columbia, calls, k, MUF 106.7
1859 WHQR 91.3 NC Wilmington, "serving Wilmington since...."

1904 WKZQ 101.7 SC Myrtle Beach, calls, "Rock 101.7"
1925 WKHT 93.7 SC Bishopville, calls
2026 WVLK 92.9 KY Lexington, k
2032 WGGC 95.1 KY Glasgow
2100 WKPB 89.5 KY Henderson, public radio, calls

12/28 Es
2030 WBCT 93.7 MI Grand Rapids, Country's Most Wanted pgm, calls
2040 XHMOE 90.7 BCN Mexicali, area ads

Don't worry! Spring DX is on the way!
28

Southern FM DX

Garcia continued

2047 KRQQ 93.7 AZ Tucson, "KRQ, today's best music"
2102 WBCL 90.3 IN Fort Wayne, AP nx, EST, wx (currently 30 degrees)

12/29 Es

1815 KAFF 92.9 AZ Flagstaff, "KAFF Country"
1825 KNAI 88.3 AZ Phoenix, SS, "R. Campesina"
1848 KRFM 96.5 AZ Show Low, area ads
1854 KGLQ 96.9 AZ Phoenix, "The New Eagle 96.9"
1858 KSNE 106.5 NV Las Vegas, "Sunny 106.5"
1903 KVBC 105.1 NV Las Vegas, area ads
1918 KXTC 99.9 NM Thoreau, multiple Gallup NM ads

1921 KNUW 95.3 NM Santa Clara, SS, "La Sabrosa," calls, 18 degrees
1923 KXPT 97.1 NV Las Vegas, "The Point," area ads

1930 KMGH 93.9 AZ Flagstaff, "The Mountain of Classic Rock"

1930 KZGL 95.9 AZ Cottonwood, calls
1935 KJUL 104.3 NV Las Vegas, calls
1937 KFLG 102.7 AZ Bullhead City, k, calls
1940 KSED 107.5 AZ Sedona, "Colt Country"
1945 KMZQ 100.5 NV Henderson, "Classy 100," area ads

1950 KVVA 107.1 AZ Apache Junction, SS, "R. Viva," area ads

1956 KIOT 102.5 NM Los Lunas, "Arrow 102.5," r
2000 KFMS 101.9 NV Las Vegas, legal ID, "KFM-102"
2015 KZON 101.5 AZ Phoenix, area ads, "The Zone"
2020 KNKT 107.1 NM Armijo, rel, calls
2021 KABG 98.5 NM Los Alamos, "Big Oldies," 70's
2023 KMGA 99.5 NM Albuquerque, "Magic 99.5"
2025 KRZY 105.9 NM Santa Fe, SS, "R. Romantica," calls

2030 KANW 89.1 NM Albuquerque, legal ID, NPR
2043 KNIZ 102.5 AZ Phoenix, calls
2052 KKLZ 96.3 NV Las Vegas, area ads, classic r
2106 KMLE 107.9 AZ Chandler, "The Valley's New Country 108"

2115 KPTY 103.9 AZ Gilbert, Phoenix area ads
2127 KFLR 90.3 AZ Phoenix, calls, rel, "Family Life Radio"

2130 KJZZ 91.5 AZ Phoenix, legal ID, NPR, j
2133 KSLX 100.7 AZ Scottsdale, wx, classic r, 52 degrees

2146 KKYZ 101.7 AZ Sierra Vista, calls, o
2151 KHYT 107.5 AZ Tucson, area ads
2155 KWCV 103.5 AZ Glendale, calls, wx, "The New Wild Country"

2157 KKHG 104.1 AZ Tucson, area ads
2200 KUAZ 89.1 AZ Tucson, "Z89"
2201 KBAQ 89.5 AZ Phoenix
2202 KGCB 90.9 AZ Prescott, rel, calls
2210 KMPO 88.7 CA Modesto, SS
2212 XHMOE 90.7 BCN Mexicali, area ads
2213 XHPF 101.9 BCN Mexicali, area ads
2215 KOHT 98.3 AZ Marana, "Hot 98," Tucson ads
2221 KKFR 92.3 AZ Glendale, "Power 92," area ads
2228 KZPP 104.7 AZ Mesa, calls
2235 KGMS 97.1 AZ Green Valley, "The Point," area ads

2240 KBZR 106.5 AZ Arizona City, area ads
2300 KPHF 88.3 AZ Phoenix, legal ID, "Family Radio"

2305 KOMP 92.3 NV Las Vegas, calls, r
This is the strongest Es event I have ever logged, MUF stayed up to 107.9 for many hours.

12/30 Es

1815 KNAI 88.3 AZ Phoenix, SS, "La Nueva Campesina"
1820 KFMA 92.1 AZ Green Valley, area ads
1825 KFLR 90.3 AZ Phoenix, calls

February 1998

1830 KUAZ 89.1 AZ Tucson, calls
1837 XHMOE 90.7 BCN Mexicali, area ads
1853 KZUA 92.1 AZ Holbrook, "Z92," area ads
1855 KGCB 90.9 AZ Prescott, calls
1858 XHNGS 96.7 SO Nogales
1908 KKLZ 96.3 NV Las Vegas, calls, classic r

1231 Es

1430 KNAI 88.3 AZ Phoenix, SS, "La Campesina," Phoenix area 3rd day in a row!
1440 KLPX 96.1 AZ Tucson, "The Valley's Q-96," currently 70 degrees

1454 KSNE 106.5 NV Las Vegas, calls
1455 KSJM 97.5 AZ Oro Valley, "Power 97.5," area ads

1525 KILA 90.5 NV Las Vegas, calls, phone # 734-2223

1535 ???? 93.7 Honduras ??, area ads
1537 ???? 94.7 Guatemala Coatepeque, "R. Coatepeque El Sonido de la Costa"

1545 ???? 91.5 Honduras La Ceiba, "R. El Patio"
1548 ???? 92.9 El Salvador San Salvador, ads

1615 XH?? 89.5 CH Tonalá, "Stereo Costa," ads
1630 KKLZ 96.3 NV Las Vegas, legal ID

1650 ???? 96.3 Honduras ??, "R. Stereo Copan, currency lempiras"

1713 ???? 102.7 CH Tapachula, "Nacion FM," phone 5-58-72

1730 ???? 96.7 Guatemala Quetzaltenango, area ads

1732 ???? 101.7 El Salvador San Salvador, ment of El Salvador

1740 ???? 94.7 El Salvador ??, "Audio Video SA"

1745 ???? 102.7 CA ??, SS, "Oceano FM," Tijuana mentions

1757 TGVV 107.3 Guatemala ??, "La Doble V"

1800 XHNRI 93.7 YU Merida

1805 XHEO 92.9 YU Merida

1810 ???? 106.5 Honduras ??, "Excel, relay en 89"

1816 ???? 91.3 El Salvador San Salvador, ads

1825 ???? 88.9 El Salvador San Salvador, ads

Again, 2 different paths at the same time. I concentrated on SS speaking stations, as this SE path is rare.

1/1 Es

1812 KLXS 95.3 SD Pierre, "Classic 95," wx

1830 KLND 89.5 SD Little Eagle, legal ID

1845 KPSD 97.1 SD Faith, calls, PRI

1/2 Es

1850 WMFQ 92.9 FL Ocala, "Q-92.9," area ads

1851 WOGK 93.7 FL Ocala, area ads

1858 WUSF 89.7 FL Tampa, calls

1900 WSMR 89.1 FL Sarasota, legal ID

Thanks to D. Smith, G. Coniglio, M. Sittell and R. Shafran for helping with some unIDs. This is a really good winter Es. At least something is compensating for the poorest tropo season in many years. 73's Fernando

Bill Nollman - 24A1 Lakeshore Dr. - Farmington, CT 06032 - (860) 676-8729 - wnn@snet.net (home) - bnollman@rand.com (work) CST DXing from Madison (Huntsville), AL. Pioneer Supertuner III Model KE-5525 (car stereo) modified for indoor use, wide/narrow/super-narrow IF filters, Radio Shack rabbit ears.

Hi WTFDA, it's been quite a while since my name appeared in these pages. Since last time I have married a wonderful woman, Lisa, who not only

Southern FM DX

Nollman continued

finds DXing interesting, but even called me at work one day when she heard a weird station on 98.9 whose call letters started with "K." She even allowed me to bring 1 boombox and a walkman on our honeymoon in San Francisco. For all her qualities she cannot possibly do a darn thing about the DX hole we live in (apartment). Out our back door I can see Avon Mountain, home of WTIC 96.5, WWUH 91.3 and WCCC 106.9. Down the street is WRCH 100.5. Oh, and did I mention, they don't call this the Farmington VALLEY for nothing. For all its problems, there is one advantage.....nothing beyond about 80 miles comes in without tropes, including NYC, which used to be a pest at my old location. So the E-skip this summer was pretty much uncontested. But alas, one cannot live on E-skip alone.

I had the great fortune of attending 2 weeks of training in Huntsville this past September. Of course, in between sightseeing and finding a few great restaurants, there was the always necessary dial scan. As is usually NOT the case, the DX gods shined upon me the last night of my stay and kept me up until 3:30AM (I had to be in class at 8AM). Thank goodness the season premiere of ER was lousy (they lost a loyal viewer after that episode) and I figured I'd spend some time "cleaning up" after the previous night's dial scan...good thing I did!

In addition to my travels around Huntsville was a super evening in Nashville with the extremely hospitable Tom Bryant (even though the wx was downright terrible, and Nashville further than I had estimated).

I probably wouldn't bother to submit this to Southern FM DX, except for the exceptional tropes to Dallas on 9/25/97, and the fact that I've never submitted to SFM, so why the heck not! Note, times are not exact, although I list the times that the reception was between. Also, I don't bother to list repeat loggings.

Also, all this stuff is on tape (that's why it took so long to review, so the IDs are 99.999% accurate). Please let me know of any discrepancies you may find! If anyone would like a cassette copy, it should fit on about 2 90s. Send me \$5 to cover the 2 TDK-D90s and postage, and as a bonus...the whole thing is hosted by good 'ol ME (oh joy!), stupid comments, food ratings and the CMA awards, too!

Also, Sunny 92.3 means they pronounce their non-ID as sunny 92 point 3, where Fun 92/7 means that they say Fun ninety two seven (no point).

9/21 Tr

2130	WLWI	92.3	AL	Montgomery 180
2230	WYNU	92.3	TN	Milan, "Power 92" 140
	WJXA	92.9	TN	Nashville, "Soft Rock 92.9 FM" 110
	WZGC	92.9	GA	Atlanta, "Z93" 150
	KZLE	93.1	AR	Batesville, "The Max 93/1 FM" 300

30

February 1998

2300	WWGM	93.1	TN	Alamo, "Good News 93.1" 160
2350	WTUG	92.9	AL	Tuscaloosa 115
9/22 Tr				
0700	WQLJ	93.7	MS	Oxford, "Q93" 165
0800	WXRZ	94.3	MS	Corinth, "Z94" 110
1615	WKOR	94.9	MS	Columbus, "K94.9" 130
	WPCH	94.9	GA	Atlanta, "Peach 94.9" 150
1700	WADI	95.3	MS	Corinth 110
	WNGC	95.5	GA	Athens, "Country 95.5" 220
	WBHJ	95.7	AL	Tuscaloosa, "95/7 Jamz" 115
	WCNA	95.9	MS	Potts Camp 160
1750	WJDX	96.3	MS	Jackson, "Mix 96.3" 260
	KHLS	96.3	AR	Blytheville, "96 Country" 210
1830	WMOD	96.7	TN	Bolivar, "W-MOD 96/7" 140
	WFOX	97.1	GA	Atlanta, "Fox 97" 150
	WVMS	97.5	MS	Oxford, "Miss 98" 175
	WSRR	98.1	AL	Millington, "Star 98" 180
	WSB	98.5	GA	Atlanta, "B98.5" 150
	WZLQ	98.5	MS	Tupelo, "Kicker 99" 120
2015	WJKK	98.7	MS	Vicksburg, "The New Love 98" 300
	WNNX	99.7	GA	Atlanta, "99X" 150
	WMC	99.7	TN	Memphis, "FM100" 190
	WDXX	100.1	AL	Selma, "Dixie 100" 160
2110	WBLE	100.5	MS	Batesville 180
	WALX	100.9	AL	Selma, "Laser 101" 160
	WJDJ	101.3	MS	Meridian, "Q101" 200
2145	WKHX	101.5	GA	Marietta, "Kix 101.5" 150
	WTID	101.7	AL	Reform, "Tide 101.7" 120
9/23 Tr				
0600	WJMI	99.7	MS	Jackson 260
	WJCC	101.9	AL	Montgomery, "Cat Country 102" 180
	WFTA	101.9	MS	Fulton, "Power 101" 120
0645	WCKS	102.7	AL	Fruithurst, "Kiss 102.7" 110
2400	WEGR	102.7	TN	Memphis, "Rock 103" 190
9/24 Tr				
1600	WVEE	103.3	GA	Atlanta, "V103" 150
1700	WWKZ	103.5	MS	Como, "KZ103" 200
	WACR	103.9	MS	Columbus 130
	WJZF	104.1	GA	LaGrange, "Jazz Flavors 104.1" 160
	WALR	104.7	GA	Athens, "Kiss 104.7" 210
1800	WSLY	104.9	AL	York, "Live 104/9" 180
	WWZQ	105.3	MS	Aberdeen, "Oldies 105.3" 130
	WGST	105.7	GA	Canton 150
	WWZD	106.7	MS	New Albany, "Wizard 106" 140
	WYAY	106.7	GA	Gainesville, "Y106.7" 160
1915	WTSH	107.1	GA	Rockmart, "South 107" 110
	WFCA	107.9	MS	Ackerman 180
	KFIN	107.9	AR	Jonesboro, "K-Fine" 240
2030	WAJV	98.9	MS	Brooksville 160
9/25 Tr				
0715	WLMS	107.1	MS	Louisville, "Star 107" 180
	WMGB	93.7	GA	Jeffersonville, "B93.7" 230
1800	WINL	98.5	AL	Linden, "Win 98.5" 180
	WVHR	100.9	TN	Huntingdon, "101FM" 130
	WTNV	104.1	TN	Jackson 140
	WAID	106.5	MS	Clarksdale 240
	WKXD	106.9	TN	Monterey, "Kix 106.9" 140
	WWYN	106.9	TN	McKenzie, "Win 107, 106.9 Country" 170
	WHKL	106.9	MS	Crenshaw, "Cool 107" 230
	WOOF	99.7	AL	Dothan, "Woof FM" 260
	WGSQ	94.7	TN	Cookville, "The Country Giant" 120
	KSSN	95.7	AR	Little Rock, "Kissin 96FM" 325
	WSIX	97.9	TN	Nashville, "The Big 98" 110
	WFKX	95.7	TN	Henderson, "Kix 96" 130
	WRMX	96.3	TN	Murfreesboro, "Oldies 96.3" 110
	KOLL	94.9	AR	Maumelle, "Cool 95" 325
	WCVQ	107.9	KY	Fort Campbell, "Q108" 145

Southern FM DX

Nollman continued

1800 KEZA 107.9 AR Fayetteville, "Magic 107.9" 440
2359 ???? 107.7 ?? ??, "Boss Hog Country"

9/26 Tr

0030 KDGE 94.5 TX Gainesville, "The Edge" 575

WCMR 94.5 MS Bruce 160

0110 WXVO 98.7 TN Oliver Springs, "Hot Country
98/7" 180

KRAV 96.5 OK Tulsa, "Tulsa's new Mix 96"
525

KVOO 98.5 OK Tulsa 525

KCKI 99.5 OK Henryetta, "Kick 99" 525

0143 KPLX 99.5 TX Fort Worth, "K-Plex" 575

0146 KLUV 98.7 TX Dallas, "K-Love" 575

KZBB 97.9 OK Poteau, "Zebra 97.9" 460

0200 KBFB 97.9 TX Dallas, "B97.9" 575

???? 98.5 ?? ??, "The new Magic 98.5"

WMGO 93.1 MS Yazoo City

0240 WSMS 99.9 MS Artesia, "The Storm 99.9
WSMS" 150

0630 WTYX 94.7 MS Jackson, "Arrow 94" 260

WKTF 95.5 MS Jackson, "Catfish 95" 260

WMSI 102.9 MS Jackson, "Miss 103" 260

WSTZ 106.7 MS Jackson, "Z106" 260

February 1998

0630 WIVK 107.7 TN Knoxville 190
WBKJ 105.1 MS Kosciusko, "K105" 240

From the Editor



Good to see someone is getting some DX!
Had some of the skip in December & January, but
didn't ID anything above TV.

Just a reminder.....general bandscans are not
accepted in Southern FM DX. The column is for
DX, stuff you don't hear on a regular basis.

Next time you're surfing, check out a website
I've been working on- <http://members.aol.com/okcvineyrd>.

See y'all next month!

EASTERN TV DX (continued from page 21)

JIM AYERS

2497 Wind Forest Ct., Norcross, Ga. 30071

EQUIPMENT:

Panasonic 19" TV CM Quantum 1110 VHF
at 30"

OCTOBER 1997

8 Tr 0605 WFSG-56 FL 265

9 Tr 0613 WASV-62 NC 148

0629 WGGG-16 SC 125

26 TR 2011 WALA-10 AL 306

2019 WAXC-LP-64 AL

2022 WCOV-20 AL 162

2047 WFGX-35 FL 277

2049 WSFA-12 AL 175

2055 WPAN-53 FL 292

2058 WSRE-23 FL 298

2142 WDHN-18 AL 195

28 Tr 2110 WAAY-31 AL 143

2127 WAFF-48 AL 143

29 Tr 2205 WTOG-44 FL 436

2215 WBHS-50 FL 435

2225 WUSF-16 FL 435

2229 WTTA-38 FL 435

2238 WJXX-25 FL 301

2301 WCIV-4 SC 271

31 Tr 0740 WJHG-7 FL 250

0744 WMBB-13 FL 255

-...-

DAVE NIEMAN

Ho Sta Geh Rd., Rock City, NY 14749

EQUIPMENT:

Teknika 6510 tuner into a RCA 19" TV and
ICOM IC-R7000.

OCTOBER 1997

11 Tr 1104 **WICD-15** IL 509

1900 **WXIN-59** IN 428

12 Tr 0800 WOWD-LP-15 MI

0900 WILV-43 MI 339

1132 WNPA-19 PA 131

18 Tr 0256 **CHL-4** ON 210

26 Es 1220 KSNC-2 KS 1095

COMMENTS

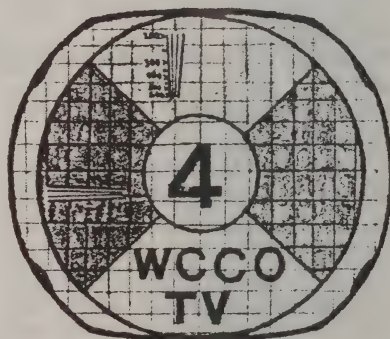
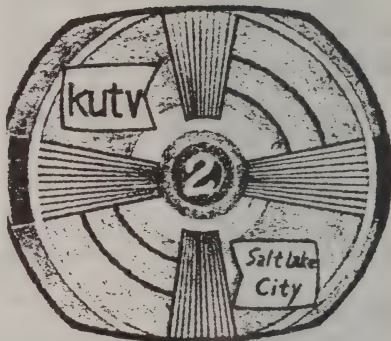
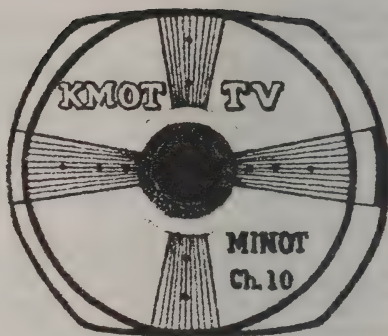
Channel 19 Jeannette, Pa replaces the old
WTWB-19 Johnstown, Pa. WBPA-LP-29
which repeated WTWB-19 for the Pittsburg
area, is now WBPA-LP-32 w/ the box.

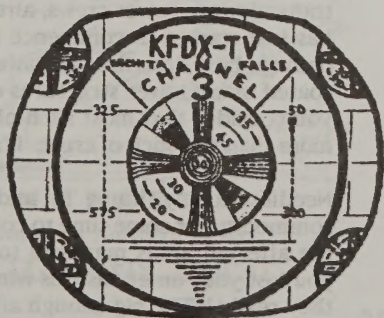
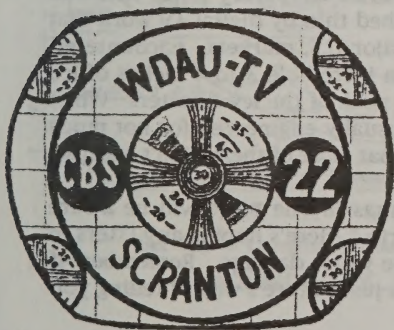
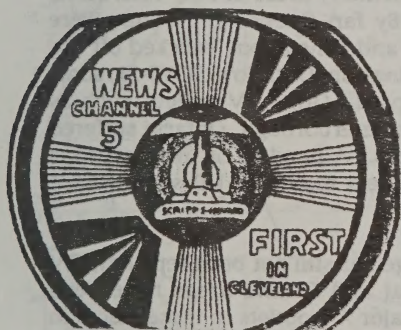
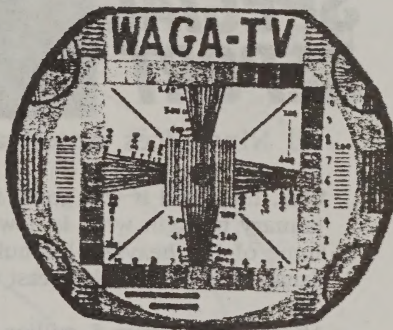
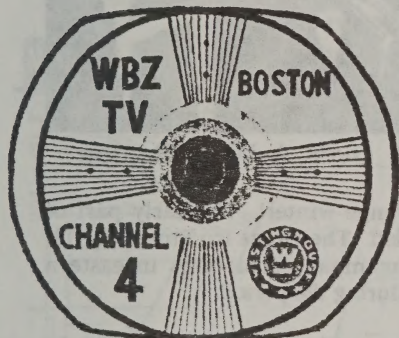
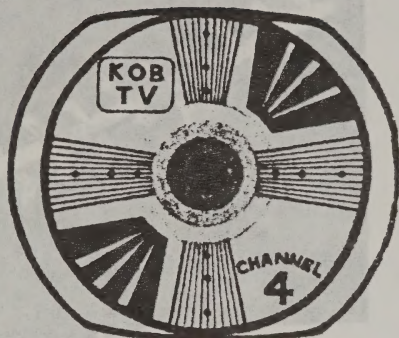
-...-



PATTERNS... (revisited)

This month, more of Robert J. Williams' (Twin Falls, ID) hand-drawn test patterns. Most are pretty standard (with a bit of customizing) but some are truly unique. The KMOT sample was originally hand-lettered by the art department at KFYZ-TV in Bismarck. KUTV's pattern is likely one-of-a-kind. WCCO's odd design was used until recently. Can anyone identify the symbol that appears in the 'bullseye' of WFLA's unusual test pattern. The WHBF call letters stand for "Where Historic Blackhawk Fought". The old Westinghouse logo appears on the WBZ pattern and the Scripps-Howard lighthouse is high-lighted on the WEWS offering. WDAU's design is a DXer's dream...**HUGE type!** By way of memory-jogging, KOB-TV is in Albuquerque; WAGA-TV is channel 5 in Atlanta; WCCO-TV calls Minneapolis home; and of course WTAE is in Pittsburgh. Whether these are your locals, E-skip catches, tropo visitors, 'most-wanted's, or impossible dreams ...ENJOY. A few are repeats, but it's been well established that there isn't a thing wrong with re-runs. Thanks again to Robert for his superb work.







SPECIAL REPORT

"El Nino" Ices Antenna Towers Over A Wide Region

Well, they said it was going to be a strange winter! The early part of January brought what is now being called The Great Ice Storm of '98. Some of the heaviest ice buildups on manmade structures in eastern Canada and the U.S. Northeast took place during the period.

At one point, over 5 million homes were without electrical service in eastern Ontario, Quebec, and the most northerly areas of New York State, Maine, and other New England areas. By far, Quebec and Maine were hardest hit, with at least three dozen TV and FM stations knocked off the air. In the more extreme cases, such as Kingston, Ontario's CKWS-11, some radio and TV broadcasting towers collapsed. Other TV outlets, such as WNPE-16 Watertown, NY and CHEX-12 in Peterborough, Ontario suffered severe damage to their transmitter towers. A handful of these stations may be off the air for weeks to come. Next month's VUD should have more details!

As of press time, some of the worst damage has still not been repaired, TV and FM locals in metropolitan Montreal and Ottawa areas have been extensively damaged, with some of the major AM outlets in those places in very bad shape as well. In the U.S., stations in northern New York State and Maine have been busy trying to improvise temporary tower sites and transmitters. Tower crews, already stretched thin by digital TV work that has just started to commence in some major U.S. markets, encountered damage best described as "awesome." An incredible 3 to 4 inches of ice coated many tower structures during the peak of the icy disaster! When you consider that most such objects are usually engineered for not much more than one inch of crust, it's amazing that more of them didn't collapse.

Needless to say, home TV and FM antennas in one piece will be a rare commodity for some time to come "up north." Here's hoping any DXers in the affected areas managed to escape the worst damage. Remember--if you lost your antennas this winter it was just Nature's way of telling you they really WERE big enough after all!

--Bill Thompson

COVERAGE MAP CLASSICS

courtesy Willis Monk, WBSKHD...

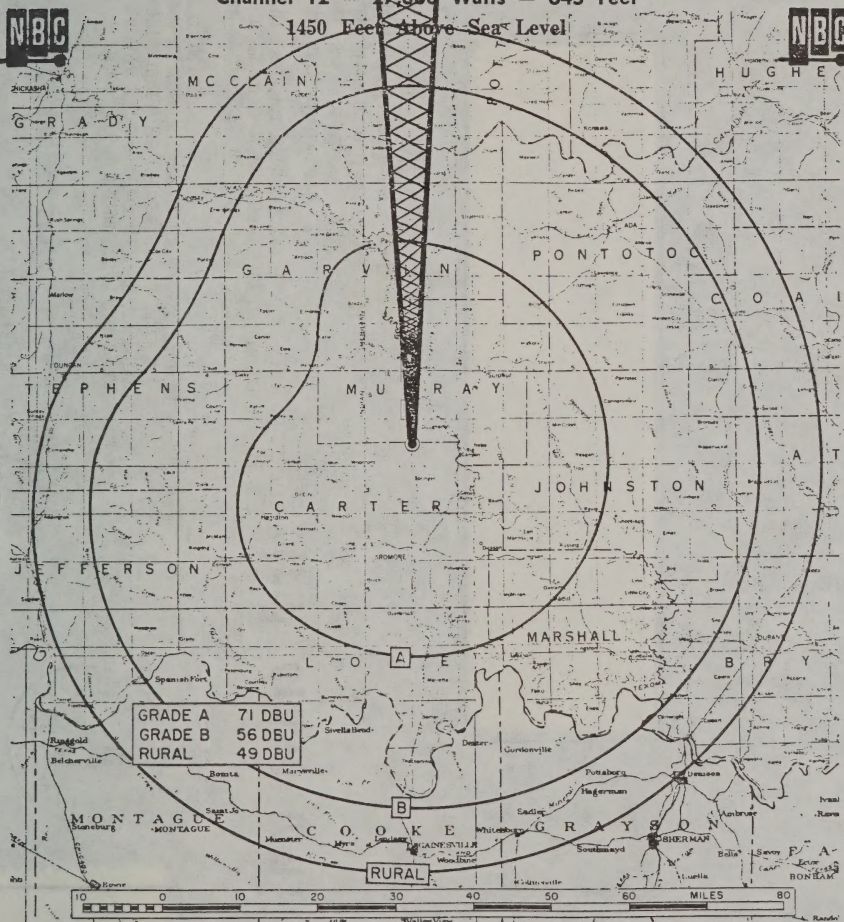
KVSO-TV Blanketing Oklahoma's Third Market

The KVSO-TV Service Areas

Calculated Contours — KVSO-TV — Ardmore, Oklahoma

Channel 12 — 7,300 Watts — 645 Feet

1450 Feet Above Sea Level



THE KVSO-TV MARKET

Serving 19 Counties in Southern Oklahoma and Northern Texas

Ardmore, OK channel 12...early 1960's!



WORLDWIDE TV-FM DX ASSOCIATION
P O BOX 17333 - ASHEVILLE, NC 28816 - U.S.A.

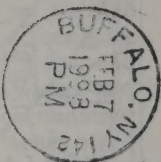


OPINIONS EXPRESSED IN THIS PUBLICATION ARE THOSE OF THE INDIVIDUAL CONTRIBUTOR AND DO NOT NECESSARILY REFLECT THE VIEWS OF THE PUBLISHER OR BOARD OF DIRECTORS. WE RESERVE THE RIGHT TO EDIT MATERIAL TO MEET PUBLISHING STANDARDS. UNLESS PREVIOUSLY AGREED UPON IN WRITING, ALL MATERIAL SUBMITTED FOR PUBLICATION IN THE WF-4F DIGEST BECOMES THE PROPERTY OF W.T.F.D.A.

REPRODUCTION OF MATERIAL FROM THE WF-4F DIGEST WITHOUT PERMISSION OF W.T.F.D.A. IS PROHIBITED. INDIVIDUALS AND OTHER ORGANIZATIONS ARE GRANTED SUCH PERMISSION PROVIDING PROPER CREDIT IS GIVEN TO THE SOURCE.

ANNUAL DUES: \$24/year: U.S. addresses
(payable in
U.S. funds)
\$26/year* to Canada
\$38/year* for airmail service to all other
countries. (*Payable in U.S. funds)

first class mail



K3ZO

TEMPLE HILLS MD 20757-0097